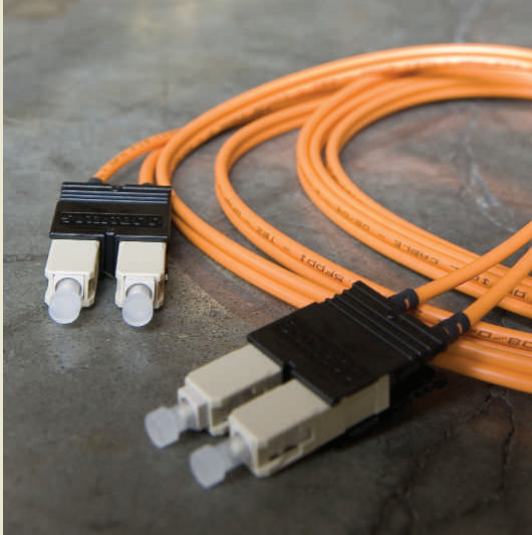


# 3



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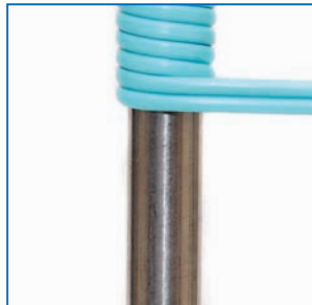
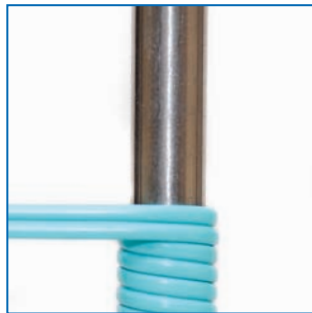
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# Why Settle for Less?



CORNING  
LANscape®  
Solutions

While other manufacturers want extra for birdie performance in a cable, here at Corning Cable Systems, we thought we'd just make that par for the course. All LANscape® Solutions 50 micron multimode cables contain ClearCurve® Multimode Fiber. That's bend-insensitive multimode – so no matter what your network faces, you've got signal integrity in the bag.

Learn more at [www.corning.com/cablesystems](http://www.corning.com/cablesystems)

# Preterminated Solutions

## LANscape Pretium Evolved-Density, Growth-Enabled (EDGE) Solutions

CORNING CABLE SYSTEMS



Corning Cable Systems PretiumEDGE Solutions are high-density preterminated optical cabling solutions that simplify installation and improve performance in the data center environment. Pretium EDGE Solutions, a complement to the Plug & Play Systems product family, provide increased system density when compared to traditional preterminated systems and offer the highest port density in the market. Custom engineered components enable simple integration into common SAN directors, while the preterminated components allow for reduced installation time and faster moves, adds and changes (MACs).

Corning Cable Systems factory-terminated solutions provide improved system performance, ensure component compatibility and yield consistent quality. Pretium EDGE Solutions consist of optical trunks and extender trunks, modules, harnesses, housings and jumpers. Enabled by reduced cable diameters and Corning ClearCurve optical fiber, the trunks and extender trunks have an innovative pulling grip to increase the speed of deployment while offering superior protection of the assembly. Trunk furcation integrates inside of the hardware to create a rapid one-hand strain-relief system. The universal wired modular system components enable fast and simple networking moves, adds and changes with none of the polarity concerns associated with special polarity-compensating components.

There is no time-consuming fiber preparation and termination as found in traditional field installations. There are no consumables or piece parts and no tools are required other than a screwdriver for installation of hardware. Zero scrap equals more accurate cost estimating and system performance is guaranteed.

Preterminated trunk cabling systems constructed with a factory-installed protective pulling grip are routed through the cabling pathways and spaces. Once deployed, the pulling grip is removed and the exposed connectors on both ends are plugged into patch panels or system equipment. High-density MTP Connector-based trunk systems plug into breakout modules or harnesses for a simple, fast, modular solution with easy scalability. Modules and harnesses conveniently load into Pretium EDGE Solutions hardware, and correct fiber polarity is guaranteed throughout the systems' link.

### FEATURES

- Revolutionary drawer-style hardware offers unprecedented finger access while achieving the highest port density in the market
- High-density trunk cables allow tighter trunk cable bends for slack storage and routing
- Low insertion loss performance allows for more connections in a link when deploying a TIA-942-compliant system
- Custom engineered harness assemblies allow seamless integration into the most common SAN directors

- Connector modules allow for fiber modularity while offering both front and rear loading capability
- Shuttered modules create one-hand operation while eliminating need to keep up with dust caps
- Universal wired components enable moves, adds and changes without polarity concerns; provide a simple migration path between 2-fiber and parallel optic applications
- Factory-terminated solutions provide consistent quality, ensure system performance and reduce installation time

To order, contact your local sales representative.

## Pretium EDGE Solutions Trunk Cables

CORNING CABLE SYSTEMS



Pretium EDGE Solutions trunk cables utilize the MTP Connector, a 12-fiber push/pull optical connector with a footprint similar to the SC simplex connector. These high-density connectors are used to significantly accelerate the network installation process, minimize errors and reduce space. LANscape Pretium EDGE Solutions trunks utilizing MTP Connectors support 12 to 144 fibers.

Pretium EDGE Solutions trunk cables utilize a high-density cable solution, which results in up to 65 percent space savings. Five to six times the fiber tray capacity can be achieved over traditional bulkier cabling solutions while minimizing cable tray weight and cooling air impediment.

The trunk cables contain Corning ClearCurve optical fiber, which enables a bend radius of five times the cable's outside diameter and allows for smaller slack storage coils or loops. The cables feature a 2.9 mm round furcation leg which provides easy routing and improved slack storage.

Pretium EDGE Solutions trunks feature a furcation plug design that offers stress-free strain-relief of the cable, and a small-profile furcation plug allows installation of all fiber counts inside a 1U housing. All trunks are shipped with appropriate strain-relief brackets for integrating into Pretium EDGE Solutions housings. The trunk furcation features a transition boot for smooth transition out of rack/floor hardware. The flexibility of the grip allows easy installation around the corners of tray and ladder racks, while its robust design allows the trunk to be pulled through conduit using up to 100 lb. of pulling tension while providing complete protection for the connectors. All trunks are packaged on a plastic corrugated reel for easy installation. This reel can be easily broken down for cost-effective disposal.

Pretium EDGE Solutions trunks have been tested and meet the skew criteria to ensure the system is 100G ready.

### 12-FIBER 50 MICRON PRETIUM EDGE SOLUTIONS TRUNK CABLES

50/125 μm multimode, Pretium 300 Solutions with Corning ClearCurve fiber.

Anixter No.	Vendor No.	Description
398325	G757512TPNDDU020F	20 ft.
398326	G757512TPNDDU030F	30 ft.

# Preterminated Solutions

Anixter No.	Vendor No.	Description
398327	G757512TPNDDU040F	40 ft.
398328	G757512TPNDDU050F	50 ft.
398329	G757512TPNDDU060F	60 ft.
398330	G757512TPNDDU070F	70 ft.
398331	G757512TPNDDU080F	80 ft.
398332	G757512TPNDDU090F	90 ft.
398333	G757512TPNDDU100F	100 ft.
398334	G757512TPNDDU110F	110 ft.
398335	G757512TPNDDU120F	120 ft.
398336	G757512TPNDDU130F	130 ft.
398337	G757512TPNDDU140F	140 ft.
398338	G757512TPNDDU150F	150 ft.
398339	G757512TPNDDU160F	160 ft.
398340	G757512TPNDDU170F	170 ft.
398341	G757512TPNDDU180F	180 ft.
398342	G757512TPNDDU190F	190 ft.
398343	G757512TPNDDU200F	200 ft.

24-FIBER 50 MICRON PRETIUM EDGE SOLUTIONS TRUNK CABLES  
50/125  $\mu\text{m}$  multimode, Pretium 300 Solutions with Corning ClearCurve fiber.

Anixter No.	Vendor No.	Description
398515	G757524TPNDDU020F	20 ft.
398516	G757524TPNDDU030F	30 ft.
398517	G757524TPNDDU040F	40 ft.
398518	G757524TPNDDU050F	50 ft.
398519	G757524TPNDDU060F	60 ft.
398520	G757524TPNDDU070F	70 ft.
398521	G757524TPNDDU080F	80 ft.
398522	G757524TPNDDU090F	90 ft.
398523	G757524TPNDDU100F	100 ft.
398524	G757524TPNDDU110F	110 ft.
398525	G757524TPNDDU120F	120 ft.
398526	G757524TPNDDU130F	130 ft.
398527	G757524TPNDDU140F	140 ft.
398528	G757524TPNDDU150F	150 ft.
398529	G757524TPNDDU160F	160 ft.
398530	G757524TPNDDU170F	170 ft.
398531	G757524TPNDDU180F	180 ft.
398532	G757524TPNDDU190F	190 ft.
398533	G757524TPNDDU200F	200 ft.

## Pretium EDGE Solutions Extender Trunks

CORNING CABLE SYSTEMS



Pretium EDGE Solutions extender trunks are used to extend the Pretium EDGE Solutions trunk cables from a zone consolidation area. For example, a high-fiber

count trunk can be deployed from a main distribution area (MDA) to a zone distribution area (ZDA). Smaller fiber-count extender trunks can then be utilized to distribute fiber into multiple cabinets within a row.

Extender trunks are manufactured with pinned MTP Connectors on one end of the cable trunk and non-pinned MTP Connectors on the other end. The pinned MTP Connectors mate with the non-pinned connectors of the Pretium EDGE Solutions trunk and the non-pinned MTP Connectors are plugged into the Pretium EDGE Solutions module or harness.

To order, contact your local sales representative.

## Pretium EDGE Solutions Modules

CORNING CABLE SYSTEMS



Pretium EDGE Solutions modules are used to break out the 12-fiber MTP Connectors terminated on trunk cables into LC connectors to facilitate patching into system equipment ports or patch panels. The 12-fiber module features LC port adapters across the front and an MTP Connector adapter in the back. A factory-terminated and -tested optical fiber assembly inside the module connects the front adapters to the back MTP Connector adapter.

Pretium EDGE Solutions modules are housed at the front of the housing and may be installed or removed from either the front or rear. This results in faster installation by allowing a technician to strain-relieve the trunk, route trunk legs, plug the MTP Connector into the module and install the module into the housing all from one side of the cabinet row. The modular design allows for a pay-as-you-grow approach to network installation.

The module features an LC shuttered adapter, so there is no need for dust caps that can be lost. Unlike other shuttered adapters on the market, this adapter is VFL compatible. The innovative design diffuses the red VFL light, allowing easy visualization of port identification without needing to manually open each shutter. This revolutionary inward opening design also allows for a single-hand LC duplex operation, while its concave shutter door ensures there is no contact with the connector end-face during installation.

The use of Pretium EDGE Solutions modules in the data center offers the advantage of greater manageability and flexibility with a modular infrastructure. As future connectivity requirements change, modules can be easily exchanged to meet those needs, while leaving the existing trunk cable infrastructure in place. The MTP Connector backplane allows for future upgradeability to parallel optics. Pretium EDGE Solutions modules are packaged in an easy-open plastic container to facilitate bulk packaging for reduced waste during data center installation.

Anixter No.	Vendor No.	Description
398318	ECM-UM12-05-93T	50/125 $\mu\text{m}$ multimode, Pretium 300 Solutions with ClearCurve fiber
398319	ECM-UM12-05-93Q	50/125 $\mu\text{m}$ multimode, Pretium 550 Solutions with ClearCurve fiber
398320	ECM-UM12-04-89G	Single-mode ultra-bendable fiber

# Preterminated Solutions

## Pretium EDGE Solutions Harnesses

### CORNING CABLE SYSTEMS

Pretium EDGE Solutions harnesses are used to break out the 12-fiber MTP Connectors terminated on trunk cables into LC connectors. With a pinned MTP Connector on one end that connects to a Pretium EDGE Solutions trunk, the other end is equipped with LC-style uniboot connectors, which plug into electronic ports. The use of harnesses provides a solution that occupies less space than traditional jumpers, as the cable end of the harness is much smaller than the six equivalent patch cords. This reduced cabling bulk improves airflow for increased cooling and facilitates easier moves, adds and changes.

To order, contact your local sales representative.

## Pretium EDGE Solutions MTP Connector Panels

### CORNING CABLE SYSTEMS

Corning Cable Systems Pretium EDGE Solutions MTP Connector panels are used to provide a convenient interconnect point between the trunk cables and harness. The panels are available with two MTP adapters, providing interconnect for 24 fibers.

Anixter No.	Vendor No.	Description
398321	EDGE-CP24-E3	Aqua adapters for Pretium 300 or 550 Solutions
398322	EDGE-CP24-90	Black adapter for ultra-bendable single-mode solutions
412439	EDGE-CP48-E3	Aqua adapters for Pretium 300 or 550 Solutions
419296	EDGE-CP48-90	Black adapter for ultra-bendable single-mode solutions

## Pretium EDGE Solutions Housings

### CORNING CABLE SYSTEMS



Pretium EDGE Solutions housings are available in both 1U and 4U sizes and mount in 19 in. racks or cabinets. Combined with Pretium EDGE Solutions trunks, modules and jumpers, they provide industry-leading high-density connectivity, with a port density of 576 fibers within a single 4U housing. The housings are highly configurable to meet the dynamic connectivity environments of both the main distribution area (MDA) and equipment distribution area (EDA) locations in the data center.

Anixter No.	Vendor No.	Description
398739	EDGE-01U	1U, eight module capacity
398740	EDGE-04U	4U, 48 module capacity

## Pretium EDGE Solutions Jumpers

### CORNING CABLE SYSTEMS

Pretium EDGE Solutions jumpers are integrated uniboot duplex assemblies that meet the high-density space requirements of the MDA and EDA and provide a 50 percent reduction in bulk cabling when compared to traditional duplex jumpers. The highly flexible, 2-fiber interconnect cable reduces cable congestion, improves jumper management and routing, and improves air circulation.

Enabled by Corning ClearCurve multimode optical fiber, Pretium EDGE Solutions jumpers feature ultra-bendable performance and accommodate a minimum bend radius of 8 mm (1.6 mm cable) to 10 mm (2.0 mm cable) with minimal bend-induced attenuation loss. With this bend performance, Pretium EDGE Solutions jumpers can greatly reduce outages and degradation in systems caused by severe bending problems.

To order, contact your local sales representative.

## Plug & Play Universal Systems

### CORNING CABLE SYSTEMS

Corning Cable Systems Plug & Play Universal Systems are preterminated optical fiber cabling systems designed to dramatically improve performance for the increasing demand for high speeds in data center LAN/SAN, enterprise building backbone and fiber-to-the-desk applications.

Factory-terminated solutions provide improved system performance, ensure component compatibility and yield consistent quality. This value-added system significantly reduces installation time and cost by streamlining the process of deploying an optical networking infrastructure in the premises environment, particularly in data center applications.

High-density cable is used for 12- and 24-fiber trunks to provide high density in low-fiber-count applications and easier routing in patch panels. For 36- to 144-fiber applications, high-density cable provides space savings and convenient fiber deployment.

### FEATURES

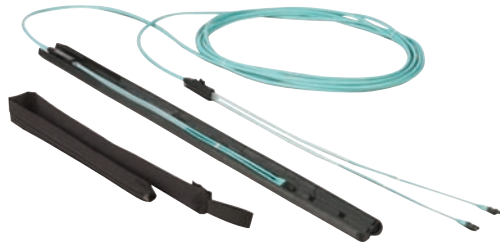
- Universal wired modular system components enable moves, adds and changes without polarity concerns; provide a simple migration path between 2-fiber and parallel optics applications
- Standard and low-loss components provide a means of meeting increasingly stringent network performance requirements
- Factory-terminated solutions provide consistent quality, ensure system performance and reduce installation time
- 100G ready performance ensures product will meet the requirements of 100G Ethernet applications
- Maximum skew of 0.75 ns
- Product is assured to work in parallel optic applications for Ethernet, Fibre Channel and InfiniBand

To order, contact your local sales representative.

# Preterminated Solutions

## Plug & Play Universal Systems Trunks

CORNING CABLE SYSTEMS



Plug & Play Universal Systems trunks are available in fiber counts of 12 to 144 fibers. Trunks are terminated with the MTP Connector for high-density applications to provide space savings and rapid deployment with minimal error. The 12-fiber push-pull optical connector has a footprint similar to the SC simplex connector and provides a space savings of up to 45 percent and three times the fiber-tray capacity over traditional bulkier cabling solutions when used in conjunction with high-density cables. This serves to minimize weight in cable tray and reduce impediments to air flow for cooling.

Corning Cable Systems pulling grip and furcation plug make deployment and installation quick and easy. The pulling grip provides unsurpassed connector protection and intuitive access to the preterminated assembly for rapid network deployment. The pulling grip is designed to withstand 100 lb. of force for duct applications. The small-form-factor furcation plug mechanically joins the trunk cable and furcation legs, providing strain-relief and a design that allows easy integration into Corning Cable Systems hardware. Optional brackets are available for mounting the furcation plug into patch panels, racks or cabinets.

### 12-FIBER 50 MICRON LOW-LOSS UNIVERSAL TRUNKS

Anixter No.	Vendor No.	Description
394835	A757512TD8AAU020F	20 ft.
394840	A757512TD8AAU030F	30 ft.
394841	A757512TD8AAU040F	40 ft.
394842	A757512TD8AAU050F	50 ft.
394843	A757512TD8AAU060F	60 ft.
394844	A757512TD8AAU070F	70 ft.
394845	A757512TD8AAU080F	80 ft.
394846	A757512TD8AAU090F	90 ft.
394847	A757512TD8AAU100F	100 ft.
394848	A757512TD8AAU110F	110 ft.
394849	A757512TD8AAU120F	120 ft.
394850	A757512TD8AAU130F	130 ft.
394851	A757512TD8AAU140F	140 ft.
394852	A757512TD8AAU150F	150 ft.
394853	A757512TD8AAU160F	160 ft.
394854	A757512TD8AAU170F	170 ft.
394855	A757512TD8AAU180F	180 ft.
394856	A757512TD8AAU190F	190 ft.
394857	A757512TD8AAU200F	200 ft.

### 24-FIBER 50 MICRON LOW-LOSS UNIVERSAL TRUNKS

Anixter No.	Vendor No.	Description
394858	A757524TD8AAU020F	20 ft.
394859	A757524TD8AAU030F	30 ft.
394860	A757524TD8AAU040F	40 ft.
394861	A757524TD8AAU050F	50 ft.
394862	A757524TD8AAU060F	60 ft.
394863	A757524TD8AAU070F	70 ft.
394864	A757524TD8AAU080F	80 ft.
394865	A757524TD8AAU090F	90 ft.
394866	A757524TD8AAU100F	100 ft.
394867	A757524TD8AAU110F	110 ft.
394868	A757524TD8AAU120F	120 ft.
394869	A757524TD8AAU130F	130 ft.
394870	A757524TD8AAU140F	140 ft.
394871	A757524TD8AAU150F	150 ft.
394872	A757524TD8AAU160F	160 ft.
394873	A757524TD8AAU170F	170 ft.
394874	A757524TD8AAU180F	180 ft.
394875	A757524TD8AAU190F	190 ft.
394876	A757524TD8AAU200F	200 ft.

## Plug & Play Universal Systems Extender Trunks

CORNING CABLE SYSTEMS



Plug & Play Universal Systems extender trunks are used to distribute portions, or all, of the fibers in a Plug & Play Universal Systems trunk to other areas in the infrastructure. For example, a high-fiber-count trunk can be deployed from a main distribution area (MDA) to a zone distribution area (ZDA). Lower-fiber-count extender trunks can then be utilized to distribute fiber from the ZDAs into cabinets.

Extender trunks are manufactured with pinned MTP Connectors on one end of the cable trunk and non-pinned MTP Connectors on the other end. The pinned MTP Connectors on the extender trunk mate with the non-pinned connectors of the Plug & Play Universal Systems trunk. The non-pinned MTP Connectors on the extender trunk are plugged into the low-loss module or mated to a low-loss harness via an MTP adapter panel.

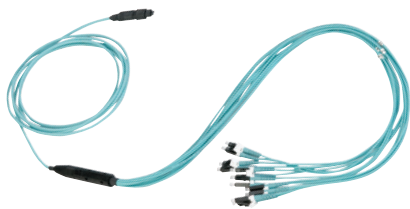
For ordering information, contact your local sales representative.

## Corning Cable Systems

# Preterminated Solutions

### Plug & Play Universal Systems Harnesses

CORNING CABLE SYSTEMS



Plug & Play Universal Systems harnesses are used to break out the 12-fiber MTP Connectors terminated on trunk cables into duplex-style connectors. With a pinned MTP Connector on one end that connects to a Plug & Play Universal Systems trunk, the other end is equipped with simplex or duplex-style connectors designed to accommodate many ranges of leg-length requirements to ease fiber routing. The assembly uses a round plenum-rated interconnect cable with a small outside diameter which allows for easy routing without preferential bend concerns. The LC and SC duplex connectors are terminated on 2.0 mm legs, available in a range of lengths, providing a rugged solution in applications where up-jacketed legs are needed for direct installation into system electronics.

Use of harnesses provide a solution that occupies less space than traditional jumpers, as the cable end of the harness is much smaller than the equivalent six 2-fiber patch cords.

For ordering information, contact your local sales representative.

### Plug & Play Universal Systems Modules

CORNING CABLE SYSTEMS



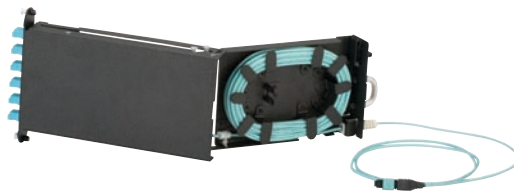
Corning Cable Systems Plug & Play Universal Systems modules are used to break out the 12-fiber MTP Connectors terminated on trunk cables into LC or SC duplex connectors to facilitate patching into system equipment ports, patch panels or work area outlets. The module features LC or SC duplex port adapters across the front and one or two MTP Connector adapters across the back. A factory-terminated and -tested optical fiber assembly inside the module connects the front adapters to the back MTP Connector adapter(s).

Anixter No.	Vendor No.	Description
401470	CCH-UM12-05-70T	12-fiber MTP to LC, 50 μm OM3
401471	CCH-UM24-05-70T	24-fiber MTP to LC, 50 μm OM3
401476	CCH-UM12-05-93T	12-fiber MTP to LC low-loss, 50 μm OM3
401477	CCH-UM24-05-93T	24-fiber MTP to LC low-loss, 50 μm OM3
401472	CCH-UM12-04-89G	12-fiber MTP to LC, single-mode
401475	CCH-UM24-04-89G	24-fiber MTP to LC, single-mode

For additional configurations, contact your local sales representative.

### Plug & Play Universal Systems Integrated Trunk Modules

CORNING CABLE SYSTEMS



The Plug & Play Universal Systems Integrated Trunk Module (ITM) is a value-adding complement to the preterminated fiber optic cabling system that Corning Cable Systems has pioneered. The integrated trunk module is a preterminated 12-fiber MTP Connector trunk assembly integrated into a Plug & Play Universal Systems module. The trunk cable stored within the module is easily deployed to an exact length, so precise pre-planning of cable length is not required.

#### NON-PINNED MTP CONNECTOR TO LC DUPLEX CONNECTORS WITH HORIZONTAL SHUTTERED ADAPTERS

12-fiber Integrated Trunk Module, 50 μm LANscape Pretium 300 Solutions with Horizontal Shuttered Adapter Inserts

Anixter No.	Vendor No.	Description
401532	ITMU-12-05-69T-040F	40 ft.
401533	ITMU-12-05-69T-080F	80 ft.
401534	ITMU-12-05-69T-120F	120 ft.
401535	ITMU-12-05-69T-160F	160 ft.
401536	ITMU-12-05-69T-200F	200 ft.

#### PINNED MTP CONNECTOR TO LC DUPLEX CONNECTORS WITH HORIZONTAL SHUTTERED ADAPTERS

12-fiber Integrated Trunk Module, 50 μm LANscape Pretium 300 Solutions

Anixter No.	Vendor No.	Description
401542	ITMU-12-05-70T-040F	40 ft.
401543	ITMU-12-05-70T-080F	80 ft.
401544	ITMU-12-05-70T-120F	120 ft.
401545	ITMU-12-05-70T-160F	160 ft.
401546	ITMU-12-05-70T-200F	200 ft.



# Preterminated Solutions

## Plug & Play Universal Systems Patch Cords

CORNING CABLE SYSTEMS



Corning Cable Systems offers the most complete line of connectors and factory-terminated cables, including low-loss jumpers to meet or exceed all industry standards for reflectance and insertion loss.

### PATCH CORDS

Patch cords allow connection between end equipment and Plug & Play Universal Systems Modules. Usually duplex cords (transmit/receive); they are available in a wide variety of fiber types, lengths and connector types.

Anixter No.	Vendor No.	Description
394980	E050502T5120002M	2-fiber, 2.0 mm zipcord riser, laser-optimized 50 $\mu$ m/300 m, ultrabend LC/LC ceramic, 2 meter
394981	E050502T5120003M	2-fiber, 2.0 mm zipcord riser, laser-optimized 50 $\mu$ m/300 m, ultrabend LC/LC ceramic, 3 meter
273793	050502K5120002M	2-fiber, 2.0 mm zipcord riser, 62.5 $\mu$ m, LC/LC ceramic, 2 meter
257211	050502K5120003M	2-fiber, 2.0 mm zipcord riser, 62.5 $\mu$ m, LC/LC ceramic, 3 meter

For additional configurations, contact your local sales representative.

## Rack-mountable Housings

CORNING CABLE SYSTEMS



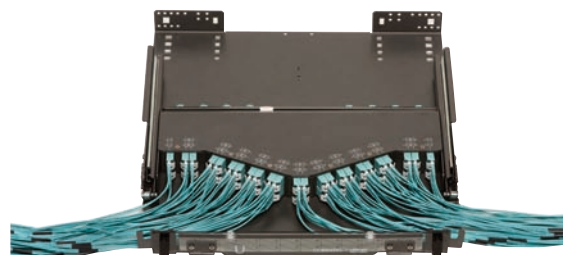
Corning Cable Systems Rack-mountable Housings provide a mounting point for Plug & Play Universal Systems Modules. Modules snap into place without the need for tools.

The housing provides protection for the cables and patch cords connecting to the modules and provides strain relief for the Plug & Play Universal Systems Trunks.

Anixter No.	Vendor No.	Description
268733	PCH-01U	1U tall, accepts up to two CCH connector panels or modules, supplied with one Universal Cable Clamp, two blank panels and installation hardware
330206	PCH-02U	2U tall, accepts up to four CCH connector panels or modules, supplied with one Universal Cable Clamp, four blank panels and installation hardware
268734	PCH-04U	4U tall, accepts up to twelve CCH connector panels or modules, supplied with one Universal Cable Clamp, twelve blank panels and installation hardware
394031	PCH-M3-ITM	1U tall, accepts up to three Integrated Trunk Modules, supplied with installation hardware

## Plug & Play Universal Systems 96-Fiber 1U Shelf

CORNING CABLE SYSTEMS



Corning Cable Systems Plug & Play Universal Systems 96-Fiber 1U Shelf is a 1U preterminated shelf designed to improve system density. Maximum density is achieved in a 1U rack space with 96 fibers terminated with LC duplex connectors across the front and eight MTP Connectors across the back, allowing additional room within the equipment cabinet/rack for system electronics. The angled panel design allows for 96-fiber density with maximum space for hand access to each connector port while providing ample room for neatly routing and organizing jumpers. The sliding drawer, which utilizes telescopic ball-bearing slides, provides full frontal access to the shelf. The tilt feature and port identification allow clear line of site to all connectors, even when the shelf is mounted at the top of an equipment cabinet. The housing includes reversible mounting brackets and hardware for mounting in a 19 or 23 in. EIA/TIA-310-D compliant equipment rack.

### FEATURES

- 96 fibers terminated in 1U rack space
- Waterfall design allows for neat organization and routing of jumpers
- U-Clip integration provides tool-less strain relief of trunks
- Flipcard label and port identification silkscreen provides quick and easy port identification and intuitive administrative labeling

Anixter No.	Vendor No.	Description
374630	HD1A-U96-05-93-S	96-fiber shelf with LC duplex adapters, Pretium 300

## Corning Cable Systems

# Preterminated Solutions

### Plug & Play AnyLAN Systems

CORNING CABLE SYSTEMS



Corning Cable Systems Plug & Play AnyLAN Systems for OSP (outside plant) and ISP (inside plant) local area networks (LANs) provide a cost-effective method of deploying optical fiber in both the outside plant and inside plant (riser) environments, at speeds significantly faster than traditional field installations.

The Plug & Play AnyLAN Systems utilize standard optical fiber cables upon which tether attachment points (TAPs) are pre-installed at customer-specified locations along the length of the cable. The cable and TAPs are tested and shipped as a complete system.

Components of the Plug & Play AnyLAN Systems may also be configured into point-to-point or ring networks where, using environmentally sealed, preterminated assemblies, all the fibers can be daisy-chained into the fiber termination points.

The OSP version is compatible with both buried (direct buried, 1.25 in. and 2 in. duct) and aerial (overlash, dedicated messenger, and self-supporting) outside plant applications, while the ISP (riser) version is compatible with 2 in. duct. Corning Cable Systems Plug & Play AnyLAN Systems can significantly reduce installation time by up to 50 percent per splice or termination point.

The robust, factory-tested system offers significant value to the end-user in the following key areas: deployment velocity, risk avoidance, workforce efficiency and capital avoidance.

Fast. Easy. Less expensive.

#### FEATURES

- Factory-terminated and -tested distribution trunk cables, tethers and harnesses enable quick, reliable installation
- Each factory-installed and -tested TAP allows up to two tethers per point (24 fibers) with an engineered number of TAPs per distribution cable
- Harness assemblies are terminated with the OptiTip MT Connector on one end and up to 12 single fiber connectors (SC, LC, or ST Compatible) or the Zeux Panel on the other end; all options provide quick, easy connectivity to your hardware
- Patented, small-diameter factory splice closure is flexible and preterminated
- Engineering services and rental capabilities available to plan, design, order and supervise the installation

For more information, contact your local sales office.

### Zeux Panel Pigtail and Assembly

CORNING CABLE SYSTEMS



The Zeux Panel Pigtail and Assembly are factory-terminated patch panels that are compact, durable and secure. Combined with factory-terminated patch cords, the Zeux Panel eliminates the need for on-site terminations, resulting in fast, easy and cost-effective installations.

Available in 4-, 6- and 12-fiber configurations, with multimode or single-mode fiber, the Zeux Panel can be manufactured in a variety of connector styles. The assembly can be configured with either a blunt cable end (for splicing) or an OptiTip MT Connector, enabling a variety of network applications for Plug & Play AnyLAN Systems.

The Zeux Panel easily mounts onto a variety of hardware devices, including swing-out mounting brackets and wall-mount boxes. Its rugged modular construction enables faster and easier network moves, adds and changes when compared to traditional non-modular systems. Ideal for various applications, the Zeux Panel can be used anywhere from permanent installations to disaster recovery, working particularly well for emergency restoration.

#### FEATURES

- Robust design enables placement into various environments and applications
- Rugged and secure construction mounts virtually anywhere and protects the optical components

For more information, contact your local sales office.

## ALTOS All-dielectric Gel-free Cables

### CORNING CABLE SYSTEMS

Corning Cable Systems ALTOS Cables are designed for outdoor and limited indoor use. The loose tube cable is water-blocked to prevent water penetration that could lead to fiber damage.



### FEATURES

- Gel-free design means that there is no gel in the buffer tubes; the buffer tubes are fully water-blocked, making cable access simple and requiring no cleanup
- Available in 62.5  $\mu\text{m}$ , 50  $\mu\text{m}$ , single-mode and hybrid versions
- Standard 2.5 mm buffer tube size reduces the number of access tools required
- SZ-stranded, loose tube design isolates fibers from installation and environmental rigors and allows for easy midspan access
- Medium-density polyethylene jacket is rugged, durable and easy to strip
- Available with extended operating temperature
- All-dielectric cable construction requires no bonding or grounding
- Available with Gigabit Ethernet and 10 Gigabit Ethernet performance

### APPLICATIONS

Campus backbones in lashed aerial and duct installations

#### 62.5/125 MULTIMODE

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); minimum LED: 200/500 MHz•km (850/1300 nm); effective modal bandwidth: 220 MHz•km (850 nm); serial Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation		Long Term		Installation		Long Term	
372-COR62.5-LTD-02	002KU4-T4130D20	2	0.41	10.5	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
372-COR62.5-LTD-04	004KU4-T4130D20	4	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COR62.5-LTD-06	006KU4-T4130D20	6	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COR62.5-LTD-08	008KU4-T4130D20	8	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COR62.5-LTD-12	012KU4-T4130D20	12	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COR62.5-LTD-18	018KU4-T4130D20	18	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COR62.5-LTD-24	024KU4-T4130D20	24	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COR62.5-LTD-36	036KU4-T4130D20	36	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COR62.5-LTD-48	048KU4-T4130D20	48	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COR62.5-LTD-72	072KU4-T4130D20	72	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5

#### STANDARD 50/125 MULTIMODE

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED: 700/500 MHz•km (850/1300 nm); effective modal bandwidth: 950 MHz•km (850 nm); serial Gigabit Ethernet distance: 750/600 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation		Long Term		Installation		Long Term	
372-COR0M2-LTD-06	006TU4-T4131D20	6	0.41	10.5	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
372-COR0M2-LTD-12	012TU4-T4131D20	12	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COR0M2-LTD-24	024TU4-T4131D20	24	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5

#### LASER-OPTIMIZED 50/125 MULTIMODE (PRETIUM 300)

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED bandwidth: 1,500/500 MHz•km (850/1300 nm); effective modal bandwidth: 2,000 MHz•km (850 nm); serial Gigabit Ethernet distance guarantee: 1,000/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance guarantee: 300 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation		Long Term		Installation		Long Term	
372-COR0M3-LTD-06	006TU4-T4180D20	6	0.41	10.5	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
372-COR0M3-LTD-12	012TU4-T4180D20	12	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COR0M3-LTD-24	024TU4-T4180D20	24	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5

Continued on next page >>

# Outdoor Cables

(continued) ALTOS All-dielectric Gel-free Cables

**LASER-OPTIMIZED 50/125 MULTIMODE (PRETIUM 550)**

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED bandwidth: 1,500/500 MHz•km (850/1300 nm); effective modal bandwidth: 4,700 MHz•km (850 nm); serial Gigabit Ethernet distance guarantee: 1,000/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance guarantee: 550 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
372-COROM4-LTD-06	006TU4-T4190D20	6	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COROM4-LTD-12	012TU4-T4190D20	12	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COROM4-LTD-24	024TU4-T4190D20	24	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COROM4-LTD-48	048TU4-T4190D20	48	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5

**8.3/125 SINGLE-MODE**

Maximum attenuation: 0.4/0.4/0.3 dB/km (1310/1383/1550 nm); serial Gigabit Ethernet distance: 5,000 m (1310 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
372-COR8.3-LTD-02	002EU4-T4101D20	2	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COR8.3-LTD-04	004EU4-T4101D20	4	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COR8.3-LTD-06	006EU4-T4101D20	6	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COR8.3-LTD-12	012EU4-T4101D20	12	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COR8.3-LTD-24	024EU4-T4101D20	24	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COR8.3-LTD-36	036EU4-T4101D20	36	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COR8.3-LTD-48	048EU4-T4101D20	48	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COR8.3-LTD-72	072EU4-T4101D20	72	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COR8.3-LTD-96	096EU4-T4101D20	96	0.48	12.1	600	2700	200	890	7.1	18.2	4.8	12.1
372-COR8.3-LTD-144	144EU4-T4101D20	144	0.62	15.8	600	2700	200	890	9.3	23.7	6.2	15.8

**HYBRID: 62.5/125 MULTIMODE AND 8.3/125 SINGLE-MODE**

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
372-COR62-HYBD-12/12	024XU4-CH746D20	12 MM/12 SM	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COR62-HYBD-18/6	024XW4-CH724D20	18 MM/6 SM	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COR62-HYB-24/12	036XU4-AQ190D20	24 MM/12 SM	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COR62-HYB-24/24	048XU4-AX776D20	24 MM/24 SM	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5

## ALTOS Lite Gel-free Cables, Single-jacket/Single-armor

### CORNING CABLE SYSTEMS

Corning Cable Systems ALTOS Lite Gel-free, Single-jacket/Single-armor cables are designed for direct-buried applications. The loose-tube design provides stable and highly reliable transmission parameters for a variety of voice, data, video and imaging applications. The design also provides high fiber density within a given cable diameter, while allowing flexibility to suit many system designs.



### FEATURES

- Single-armor construction provides additional crush and rodent protection
- High-strength ripcord under armor for ease of stripping
- Gel-free design makes cable access simple and requiring no cleanup
- Available in 62.5  $\mu\text{m}$ , 50  $\mu\text{m}$ , single-mode and hybrid versions
- Standard 2.5 mm buffer tube size reduces the number of access tools required
- SZ-stranded, loose-tube design isolates fibers from installation and environmental rigors and allows for easy midspan access
- Medium-density polyethylene jacket is rugged, durable and easy to strip
- Available with Gigabit Ethernet performance

### APPLICATIONS

Campus backbones in direct-buried installations  
Also for aerial applications

#### 62.5/125 MULTIMODE

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); minimum LED: 200/500 MHz•km (850/1300 nm); effective modal bandwidth: 220 MHz•km (850 nm); serial Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
372-COR62.5-LTA-06	006KUC-T4130D20	6	0.48	12.1	600	2700	200	890	7.1	18.2	4.8	12.1
372-COR62.5-LTA-12	012KUC-T4130D20	12	0.48	12.1	600	2700	200	890	7.1	18.2	4.8	12.1
372-COR62.5-LTA-24	024KUC-T4130D20	24	0.48	12.1	600	2700	200	890	7.1	18.2	4.8	12.1

#### STANDARD 50/125 MULTIMODE

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED: 700/500 MHz•km (850/1300 nm); effective modal bandwidth: 950 MHz•km (850 nm); serial Gigabit Ethernet distance: 750/600 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
372-COROM2-LTA-06	006TUC-T4131D20	6	0.48	12.1	600	2700	200	890	7.1	18.2	8.8	20.3
372-COROM2-LTA-12	012TUC-T4131D20	12	0.48	12.1	600	2700	200	890	7.1	18.2	8.8	20.3

#### 8.3/125 SINGLE-MODE

Maximum attenuation: 0.4/0.4/0.3 dB/km (1310/1383/1550 nm); serial Gigabit Ethernet distance: 5,000 m (1310 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
372-COR8.3-LTA-06	006EUC-T4101D20	6	0.48	12.1	600	2700	200	890	7.1	18.2	4.8	12.1
372-COR8.3-LTA-12	012EUC-T4101D20	12	0.48	12.1	600	2700	200	890	7.1	18.2	4.8	12.1
372-COR8.3-LTA-24	024EUC-T4101D20	24	0.48	12.1	600	2700	200	890	7.1	18.2	4.8	12.1

## Corning Cable Systems

# Outdoor Cables

### ALTOS Figure-8 Gel-Free Cables

#### CORNING CABLE SYSTEMS

Corning Cable Systems ALTOS Figure-8 Gel-Free Cables are self-supporting aerial cables that are designed for easy and economical one-step installation. The loose-tube design provides stable performance over a wide temperature range and is compatible with any telecommunications-grade optical fiber.



#### FEATURES

- Figure-8 cable design allows easy, one-step installation, using standard hardware and installation methods
- Can span in excess of 500 feet in NESC heavy-loading conditions; sag and tension information is available upon request
- Flexible, craft-friendly buffer tubes are easy to route in closures
- Standard buffer-tube size reduces the number of access tools required
- Dry cables, incorporating an innovative water-blocking design, eliminate the need for traditional flooding compound and provide efficient and craft-friendly cable preparation
- S-Z stranded, loose tube design isolates fibers from installation and environmental rigors and facilitates midspan access
- Medium-density PE jacket is rugged, durable and easy to strip
- Available in a single-mode version

#### Technical Information & Standards

All Figure-8 cables listed are loose-tube designs. Water-blocked, can be buried

##### 62.5/125 MULTIMODE

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); minimum LED: 200/500 MHz • km (850/1300 nm); effective modal bandwidth: 220 MHz • km (850 nm); serial Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Min. Bend Radius		Long Term	
			(in.)	(mm)	(in.)	(cm)	(in.)	(cm)
<a href="#">372-COR625-LTFIG8-04</a>	004KUA-T4130D20	4	0.41	10.5	6.2	15.8	4.1	10.5
<a href="#">372-COR625-LTFIG8-06</a>	006KUA-T4130D20	6	0.41	10.5	6.2	15.8	4.1	10.5
<a href="#">372-COR625-LTFIG8-12</a>	012KUA-T4130D20	12	0.41	10.5	6.2	15.8	4.1	10.5
<a href="#">372-COR625-LTFIG8-24</a>	024KUA-T4130D20	24	0.41	10.5	6.2	15.8	4.1	10.5

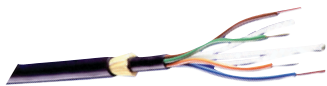
Note: For sag and tension information, contact your local sales representative.

#### Tech Tip

ROL (reverse oscillation lay) tube-stranding technique permits easy access to individual fibers when splicing midspan. The stranding (wrapping) orientation of the buffer tubes reverses direction at set intervals. The tubes can be unwrapped from the central member when the binders are cut at the reversal points.

### SOLO ADSS All-dielectric Self-supporting Optical Cables

#### CORNING CABLE SYSTEMS



Corning Cable Systems SOLO ADSS Optical Cables are all-dielectric, self-supporting aerial cables designed for easy and economical one-step installation.

#### FEATURES

- Innovative dry cable with water-blocking technology eliminates the need for traditional flooding compound, providing more efficient and craft-friendly cable preparation
- Available in 62.5  $\mu$ m, 50  $\mu$ m, single-mode and hybrid versions
- SZ-stranded, loose-tube design isolates fibers from installation, environmental rigors and allows for easy midspan access

- Available with a proprietary track-resistant polyethylene (TRPE) jacket for installations in up to 25 kV electric field potentials
- Spans in excess of 500 m (1,650 ft.) in NESC heavy-loading conditions
- Concentric, self-supporting cable design allows easy, one-step installation, providing installation cost savings
- All-dielectric cable construction requires no bonding or grounding
- Uses common support hardware and installation methods; cable installation and sag/tension guidelines are available
- Available with Gigabit Ethernet and 10 Gigabit Ethernet performance

#### APPLICATIONS

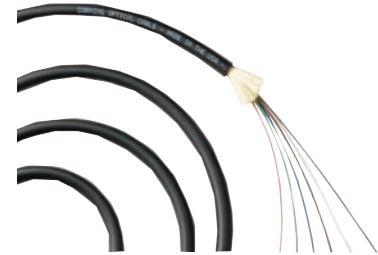
Interbuilding backbones for self-supporting installations where metallic messengers cannot be used

For more information, contact your local sales office.

## Tactical Fiber Optic Cable

### CORNING CABLE SYSTEMS

Corning Cable Systems Tactical Fiber Optic Cable is for routing in all environments or conditions between buildings and modular telecommunications gear for secure, dependable communications, data or video. This flexible cable uses 900  $\mu\text{m}$  TBII Buffered Fibers surrounded by dielectric strength members and is protected by a rugged polyurethane outer jacket that provides superior environmental and mechanical protection.



### FEATURES

- Small diameter and bend radius allow for easy installation in space-constrained areas
- All-dielectric construction requires no grounding or bonding
- Polyurethane outer jacket provides environmental and mechanical protection
- Flexibility facilitates portability through deployment and retraction of the cable onto a reel

### APPLICATIONS

Military mobile communications - temporary or permanent communications systems

Traffic and video control - optical feeds in rugged environments

Broadcast video - temporary or permanent setups at events

Industrial or other harsh environments - extreme conditions such as abrasive or chemical atmospheres and high crush environments

8.3/125 SINGLE-MODE

Maximum attenuation: 0.65/0.65/0.5 dB/km (1310/1383/1550 nm); serial Gigabit Ethernet distance: 5,000 m (1310 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation (lb.)	N	Long Term (lb.)	N	Installation (in.)	(cm)	Long Term (in.)	(cm)
372-COR8.3-TBTACT-12	012H8U-31131-24	12	0.31	8.0	450	2000	90	400	3.1	8.0	1.6	4.0

For additional configurations, contact your local sales representative.

# LSZH Cables

## ALTOS LSZH Gel-free Cables, OFN-LS-listed

### CORNING CABLE SYSTEMS

Corning Cable Systems ALTOS LSZH cables are designed for indoor and outdoor use. The loose-tube cable construction, pioneered by Corning Cable Systems, places fibers in buffer tubes and provides stable and highly reliable transmission parameters for a variety of voice, data, video and imaging applications. The design also provides high fiber density within a given cable diameter while allowing flexibility to suit many system designs. The outer jacket uses a flame-retardant, non-halogenated material with UV and chemical resistance and low flame spread.



### FEATURES

- Gel-free design means that there is no gel in the buffer tubes. The buffer tubes are fully water-blocked, making cable access simple and requiring no cleanup
- Available in 62.5  $\mu\text{m}$ , 50  $\mu\text{m}$ , single-mode, and hybrid versions
- Standard 2.5 mm buffer tube size reduces the number of access tools required
- SZ-stranded, loose-tube design isolates fibers from installation and environmental rigors and allows for easy midspan access
- Specially formulated black, flame-retardant, non-halogenated material with UV and chemical resistance and low flame spread
- All-dielectric construction
- Ideal for industrial and tunnel applications
- Available with interlocking armor
- IEEE-383 compliant
- Listed OFN-LS and CSA OFN FT4-ST1 up to 288 fibers
- Available with Gigabit Ethernet performance

### APPLICATIONS

Interbuilding backbones in aerial and duct environments  
Horizontal intrabuilding and tunnel backbones where low smoke, zero-halogen requirements exist

#### 62.5/125 MULTIMODE

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); minimum LED: 200/500 MHz • km (850/1300 nm); effective modal bandwidth: 220 MHz • km (850 nm); serial Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
<a href="#">373-COR62-LTLSZH-06</a>	006KUZ-T4130D20	6	0.49	12.5	600	2700	180	810	7.4	18.8	4.9	12.5
<a href="#">373-COR62-LTLSZH-12</a>	012KUZ-T4130D20	12	0.49	12.5	600	2700	180	810	7.4	18.8	4.9	12.5
<a href="#">373-COR62-LTLSZH-24</a>	024KUZ-T4130D20	24	0.49	12.5	600	2700	180	810	7.4	18.8	4.9	12.5

## Industrial Fiber Optic Cables LSZH Single-jacket, 12-288 Fibers

### CORNING CABLE SYSTEMS

Corning Cable Systems LSZH Industrial Fiber Optic Cables are designed for industrial building backbones and harsh environments atypical of traditional datacom systems. Based on the proven stranded loose tube cable designs, these industrial cables are flame retardant and have been tested to meet mechanical/environmental conditions exceeding the requirements set for traditional datacom cables. They have also demonstrated superior performance levels when tested to specified "tray" application requirements for compressive loading, cyclic impact and chemical resistance. The 250  $\mu\text{m}$  color-coded individual fibers offer quick and easy identification during installation, with 50  $\mu\text{m}$ , 62.5  $\mu\text{m}$  and single-mode versions available. A key life-safety benefit of the Corning Cable Systems Industrial Cables is the low smoke zero halogen (LSZH) sheath. PVC cables commonly used in harsh environments contain halogens, namely chlorine, in the jacket compound. When these cables combust, they give off fumes containing highly reactive halogens that combine with water to form highly overactive acids. These acids damage both living tissue and inorganic materials like metal and electronic equipment. As such, these gases can be deadly if breathed by humans. Corning Cable Systems LSZH Industrial Cables eliminate that risk in the event of fire. In addition, the LSZH compound does not drip when superheated. The LSZH material burns to ash, eliminating the onset of secondary fires commonly caused by MDPE and PVC cables.



### FEATURES

- Key life-safety benefit: low smoke zero halogen (LSZH) sheath
- Superior performance: meets cyclic impact and chemical resistance tests
- Proven design: based on stranded loose tube cable
- Meets burn test criteria: listed OFN-LS and CSA FT4-ST1
- Gel-filled: available in cold temperature version
- Available with MSHA (Mine Safety and Health Administration) approval



## Technical Information & Standards

National Electrical Code (NEC) OFN-LS, CSA OFN FT4-ST1  
 Sunlight resistant (SUN RES)  
 IEEE-383 flame test, IEC 60332-3, IEC 60754-2, IEC 61034  
 Suitable for direct burial (DIR BUR)  
 ANSI/ICEA S-104-696; UL 13; UL 444; UL 1277; CSA C22 No. 230 and No. 232

## APPLICATIONS

Outdoor aerial and duct; indoor general purpose horizontal according to NEC Article 770

62.5/125 MULTIMODE

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); minimum LED: 200/500 MHz•km (850/1300 nm); effective modal bandwidth: 220 MHz•km (850 nm); serial Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation		Long Term		Installation		Long Term	
<b>373-COR62-LTTRAY-24</b>	024KUZ-T4130D2N	24	0.49	12.5	600	2700	180	810	7.4	18.8	4.9	12.5
<b>373-COR62-LTTRAY-48</b>	048KUZ-T4130D2N	48	0.49	12.5	600	2700	180	810	7.4	18.8	4.9	12.5
<b>373-COR62-LTTRAY-72</b>	072KUZ-T4130D2N	72	0.49	12.5	600	2700	180	810	7.4	18.8	4.9	12.5
<b>373-COR62-LTTRAY-96</b>	096KUZ-T4130D2N	96	0.60	15.3	600	2700	180	810	9.0	23.0	6.0	15.3
<b>373-COR62-LTTRAY-144</b>	144KUZ-T4130D2N	144	0.74	18.9	600	2700	180	810	11.2	28.4	7.4	18.9

## Industrial Fiber Optic Cables LSZH Double-jacket, Cold Temperature Cable

### CORNING CABLE SYSTEMS

Corning Cable Systems ALTOS LSZH cables are designed for indoor and outdoor use. The loose-tube cable construction, pioneered by Corning Cable Systems, places fibers in buffer tubes and provides stable and highly reliable transmission parameters for a variety of voice, data, video and imaging applications. The design also provides high fiber density within a given cable diameter while allowing flexibility to suit many system designs. The outer jacket uses a flame-retardant, non-halogenated material with UV and chemical resistance and low flame spread.



## FEATURES

- Gel-free design means that there is no gel in the buffer tubes. The buffer tubes are fully water-blocked, making cable access simple and requiring no cleanup
- Available in 62.5 μm, 50 μm, single-mode, and hybrid versions
- Standard 2.5 mm buffer tube size reduces the number of access tools required
- SZ-stranded, loose-tube design isolates fibers from installation and environmental rigors and allows for easy midspan access
- Specially formulated black, flame-retardant, non-halogenated material with UV and chemical resistance and low flame spread
- All-dielectric construction
- Ideal for industrial and tunnel applications
- Available with interlocking armor
- IEEE-383 compliant, IEC 60332-3, IEC 60754-2
- Listed OFN-LS and CSA OFN FT4-ST1 up to 288 fibers
- Available with MSHA (Mine Safety and Health Administration) approval
- Available with Gigabit Ethernet performance

## APPLICATIONS

Interbuilding backbones in aerial and duct environments  
 Horizontal intrabuilding and tunnel backbones where low smoke zero halogen requirements exist

62.5/125 MULTIMODE

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); minimum LED: 200/500 MHz•km (850/1300 nm); effective modal bandwidth: 220 MHz•km (850 nm); serial Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation		Long Term		Installation		Long Term	
<b>373-COR62-LTTRAYD-12</b>	012KUL-T4630C2N	12	0.69	17.6	600	2700	180	810	10.4	26.4	6.9	14.0
<b>373-COR62-LTTRAYD-24</b>	024KUL-T4630C2N	24	0.69	17.6	600	2700	180	810	10.4	26.4	6.9	17.6
<b>373-COR62-LTTRAYD-36</b>	036KUL-T4630C2N	36	0.69	17.6	600	2700	180	810	10.4	26.4	6.9	17.6

## Corning Cable Systems

## LSZH Cables

Industrial Fiber Optic Cables LSZH Corrugated Armored Cable,  
12-288 Fibers

CORNING CABLE SYSTEMS



Corning Cable Systems LSZH Corrugated Armored Cable design is based on the proven stranded loose tube cable designs, these tray-rated industrial cables are flame-retardant and have been tested to meet mechanical/environmental conditions exceeding the requirements set for traditional datacom cables. When tested to specified "tray" application requirements, these cables have demonstrated superior performance levels for compressive loading, cyclic impact and chemical resistance. This ruggedized armored version offers additional mechanical protection and is also available in a gel-filled, cold temperature version. The 250  $\mu\text{m}$  color-coded individual fibers offer quick and easy identification during installation, with 50  $\mu\text{m}$ , 62.5  $\mu\text{m}$  and single-mode versions available. A key benefit of the Corning Cable Systems Industrial Cables is the low smoke zero halogen (LSZH) sheath.

**FEATURES**

- Corrugated armor provides mechanical protection
- Meets cyclic impact and chemical resistance tests for superior performance
- Tray-rated per UL 13; UL 444; UL 1277; UL 1666; CSA C22.2 No. 230 and No. 232
- Listed OFCR-LS and CSA OFC FT4-ST1
- Tested to industrial ruggedness standards
- IEEE-383 compliant, IEC 60332-3, IEC 60754-2, IEC 61034
- Meets burn test criteria

**APPLICATIONS**

Designed for industrial building backbones and harsh environments atypical of traditional datacom systems

To order, contact your local sales representative.

Industrial Fiber Optic Cables LSZH Gel-Free Interlocking  
Armored Cable

CORNING CABLE SYSTEMS



When tested to specified "tray" application requirements, these cables have demonstrated superior performance levels for compressive loading, cyclic impact and chemical resistance. This gel-free interlocking armored version offers additional mechanical protection and is also available in a gel-filled, cold temperature version. The 250  $\mu\text{m}$  color-coded individual fibers offer quick and easy identification during installation, with 50  $\mu\text{m}$ , 62.5  $\mu\text{m}$  and single-mode versions available. A key benefit of the Corning Cable Systems Industrial Cables is the low smoke zero halogen (LSZH) sheath.

**FEATURES**

- Interlocking armor provides mechanical protection
- Meets cyclic impact and chemical resistance tests for superior performance
- Listed OFC-LS and CSA OFC FT4-ST1
- IEEE-383 compliant, IEC 60332-3, IEC 60754-2, IEC 61034
- Tested to industrial ruggedness standards
- Meets burn test criteria

**APPLICATIONS**

Designed for industrial building backbones and harsh environments atypical of traditional datacom systems

To order, contact your local sales representative.

# Indoor/Outdoor Cables

## FREEDM LST Gel-free Cables

### CORNING CABLE SYSTEMS

Corning Cable Systems FREEDM LST Gel-free Cables are OFNR-rated, UV-resistant, fully water-blocked indoor/outdoor cables. They consist of up to two 2.5 mm, dry, buffer tubes each containing two to twelve 250 μm, color-coded optical fibers. The buffer-tubes are surrounded by dielectric tensile elements.



### FEATURES

- Gel-free design means that there is no gel in the buffer tubes. The buffer tubes are fully water-blocked
- Available in 62.5 μm, 50 μm, single-mode and hybrid versions
- Standard 2.5 mm buffer-tube size reduces the number of access tools required
- Flame-retardant jacket is rugged, durable and easy to strip
- Compact design, all-dielectric cable construction requires no grounding or bonding
- Color-coded fibers and buffer tubes for quick and easy identification during installation
- No preferential bend axis for easier installation and better handling
- UV-resistant and listed OFNR and FT4
- Compatible with buffer tube fan-out kit for rapid, simple termination
- Available with interlocking armor
- Available with Gigabit Ethernet and 10 Gigabit Ethernet performance

### APPLICATIONS

Interbuilding and intrabuilding backbones in aerial, duct and riser applications

#### 62.5/125 MULTIMODE

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); minimum LED: 200/500 MHz•km (850/1300 nm); effective modal bandwidth: 220 MHz•km (850 nm); serial Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation		Long Term		Installation		Long Term	
<b>373-COR62.5-LTD-02</b>	002KSF-T4130D20	2	0.29	7.4	300	1330	90	400	4.4	11.1	1.5	3.7
<b>373-COR62.5-LTD-04</b>	004KSF-T4130D20	4	0.29	7.4	300	1330	90	400	4.4	11.1	1.5	3.7
<b>373-COR62.5-LTD-06</b>	006KSF-T4130D20	6	0.29	7.4	300	1330	90	400	4.4	11.1	1.5	3.7
<b>373-COR62.5-LTD-08</b>	008KSF-T4130D20	8	0.29	7.4	300	1330	90	400	4.4	11.1	1.5	3.7
<b>373-COR62.5-LTD-12</b>	012KSF-T4130D20	12	0.29	7.4	300	1330	90	400	4.4	11.1	1.5	3.7

#### STANDARD 50/125 MULTIMODE

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED: 700/500 MHz•km (850/1300 nm); effective modal bandwidth: 950 MHz•km (850 nm); serial Gigabit Ethernet distance: 750/600 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation		Long Term		Installation		Long Term	
<b>373-COR0M2-LTD-06</b>	006TSF-T4131D20	6	0.29	7.4	300	1330	90	400	4.4	11.1	1.5	3.7
<b>373-COR0M2-LTD-12</b>	012TSF-T4131D20	12	0.29	7.4	300	1330	90	400	4.4	11.1	1.5	3.7
<b>373-COR0M2-LTD-24</b>	024TSF-T4131D20	24	0.38	9.7	600	2700	180	810	5.7	14.6	3.8	9.7

#### LASER-OPTIMIZED 50/125 MULTIMODE (PREMIUM 300)

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED bandwidth: 1,500/500 MHz•km (850/1300 nm); effective modal bandwidth: 2,000 MHz•km (850 nm); serial Gigabit Ethernet distance guarantee: 1,000/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance guarantee: 300 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation		Long Term		Installation		Long Term	
<b>373-COR0M3-LTD-06</b>	006TSF-T4180D20	12	0.29	7.4	300	1330	90	400	4.9	11.1	1.5	3.7
<b>373-COR0M3-LTD-12</b>	012TSF-T4180D20	12	0.29	7.4	300	1330	90	400	4.9	11.1	1.5	3.7
<b>373-COR0M3-LTD-24</b>	024TSF-T4180D20	24	0.38	9.7	600	2700	180	810	5.7	14.6	3.8	9.7

Continued on next page >>

# Indoor/Outdoor Cables

(continued) FREEDM LST Gel-free Cables

LASER-OPTIMIZED 50/125 MULTIMODE (PRETIUM 550)

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED bandwidth: 1,500/500 MHz • km (850/1300 nm); effective modal bandwidth: 4,700 MHz • km (850 nm); serial Gigabit Ethernet distance guarantee: 1,000/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance guarantee: 550 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(lb.)	(N)	(lb.)	(N)	(in.)	(cm)	(in.)	(cm)	(in.)	(cm)
373-COROM4-LTD-06	006TSF-T4190D20	6	0.29	7.4	300	1330	90	400	4.4	11.1	1.5	3.7
373-COROM4-LTD-12	012TSF-T4190D20	12	0.29	7.4	300	1330	90	400	4.4	11.1	1.5	3.7
373-COROM4-LTD-24	024TSF-T4190D20	24	0.38	9.7	600	2700	180	810	5.7	14.6	3.8	9.7

8.3/125 SINGLE-MODE

Maximum attenuation: 0.4/0.4/0.3 dB/km (1310/1383/1550 nm); serial Gigabit Ethernet distance: 5,000 m (1310 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(lb.)	(N)	(lb.)	(N)	(in.)	(cm)	(in.)	(cm)	(in.)	(cm)
373-COR8.3LTD-06	006ESF-T4101D20	6	0.29	7.4	300	1330	90	400	4.4	11.1	1.5	3.7
373-COR8.3LTD-12	012ESF-T4101D20	12	0.29	7.4	300	1300	90	400	4.4	11.1	1.5	3.7
373-COR8.3LTD-24	024ESF-T4101D20	24	0.38	9.7	600	2700	180	810	5.7	14.6	3.8	9.7

HYBRID: 62.5/125 MULTIMODE AND 8.3/125 SINGLE-MODE

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(lb.)	(N)	(lb.)	(N)	(in.)	(cm)	(in.)	(cm)	(in.)	(cm)
373-COR625-HYBD-6/6	012XSF-A8074D20	6 MM/6 SM	0.29	7.4	300	1330	90	400	4.4	11.1	1.5	3.7
373-COR625-HYBD-12/6	018XSF-A8075D20	12 MM/6 SM	0.29	7.4	300	1330	90	400	4.4	11.1	1.5	3.7
373-COR62-HYBD-12/12	024XSF-A8076D20	12 MM/12 SM	0.38	9.7	600	2700	180	810	5.7	14.6	3.8	9.7

## FREEDM Loose Tube Gel-free Riser Cables

### CORNING CABLE SYSTEMS

Corning Cable Systems FREEDM Loose Tube Gel-free Riser Cables are flame-retardant, UV-stabilized and fully water-blocked for use in indoor/outdoor applications. They are suitable for installation in duct, aerial and riser environments. Because they are riser-rated cables, there is no need for a transition splice when entering the building. Available from 2 to 288 fibers, the FREEDM Loose Tube Cable buffer tubes and the fibers inside are color-coded for quick, easy identification.



### FEATURES

- Gel-free design means that there is no gel in the buffer tubes. The buffer tubes are fully water-blocked, making cable access simple and requiring no cleanup
- Available in 62.5 μm, 50 μm, single-mode and hybrid versions
- Standard 2.5 mm buffer-tube size reduces the number of access tools required
- SZ-stranded, loose-tube design isolates fibers from installation and environmental rigors and allows for easy midspan access
- UV-resistant, flame-retardant jacket is rugged, durable and easy to strip
- All-dielectric cable construction requires no grounding or bonding
- Color-coded fibers and buffer tubes for quick and easy identification during installation
- Listed OFNR and FT4
- Available with interlocking armor
- Available with Gigabit Ethernet and 10 Gigabit Ethernet performance

### APPLICATIONS

Campus backbones in aerial, duct and riser applications

# Indoor/Outdoor Cables

## 62.5/125 MULTIMODE

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); minimum LED: 200/500 MHz•km (850/1300 nm); effective modal bandwidth: 220 MHz•km (850 nm); serial Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
<b>373-COR62.5-LTD-36</b>	036KUF-T4130D20	36	0.51	12.9	600	2700	180	810	7.6	19.4	5.1	12.9
<b>373-COR62.5-LTD-48</b>	048KUF-T4130D20	48	0.51	12.9	600	2700	180	810	7.6	19.4	5.1	12.9

## LASER-OPTIMIZED 50/125 MULTIMODE (PRETIUM 300)

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED bandwidth: 1,500/500 MHz•km (850/1300 nm); effective modal bandwidth: 2,000 MHz•km (850 nm); serial Gigabit Ethernet distance guarantee: 1,000/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance guarantee: 300 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
<b>373-COROM3-LTRD-36</b>	036TUF-T4180D20	36	0.51	12.9	600	2700	180	810	7.6	19.4	5.1	12.9
<b>373-COROM3-LTRD-48</b>	048TUF-T4180D20	48	0.51	12.9	600	2700	180	810	7.6	19.4	5.1	12.9

## LASER-OPTIMIZED 50/125 MULTIMODE (PRETIUM 550)

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED bandwidth: 1,500/500 MHz•km (850/1300 nm); effective modal bandwidth: 4,700 MHz•km (850 nm); serial Gigabit Ethernet distance guarantee: 1,000/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance guarantee: 550 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
<b>373-COROM4-LTD-36</b>	036TUF-T4190D20	36	0.51	12.9	600	2700	180	810	7.6	19.4	5.1	12.9
<b>373-COROM4-LTD-48</b>	048TUF-T4190D20	48	0.51	12.9	600	2700	180	810	7.6	19.4	5.1	12.9

## 8.3/125 SINGLE-MODE

Maximum attenuation: 0.4/0.4/0.3 dB/km (1310/1383/1550 nm); serial Gigabit Ethernet distance: 5,000 m (1310 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
<b>373-COR8.3LTD-36</b>	036EUF-T4101D20	36	0.51	12.9	600	2700	180	810	7.6	19.4	5.1	12.9
<b>373-COR8.3LTD-48</b>	048EUF-T4101D20	48	0.51	12.9	600	2700	180	810	7.6	19.4	5.1	12.9
<b>373-COR8.3LTD-72</b>	072EUF-T4101D20	72	0.51	12.9	600	2700	180	810	7.6	19.4	5.1	12.9
<b>373-COR8.3LTD-96</b>	096EUF-T4101D20	96	0.54	13.8	600	2700	180	810	8.1	20.7	5.4	13.8
<b>373-COR8.3LTD-144</b>	144EUF-T4101D20	144	0.70	17.7	600	2700	180	810	10.5	26.6	7.0	17.7

For fiber counts up to 24, see FREEDM LST Gel-Free Cables.

## FREEDM Loose Tube Gel-free Plenum Cables

### CORNING CABLE SYSTEMS

Corning Cable Systems FREEDM Loose Tube Gel-free Plenum Cables are flame-retardant, indoor/outdoor, plenum-rated cables suitable for installation in aerial, duct and riser or plenum applications. The plenum rating of this cable eliminates the need for a transition splice when entering the building and minimizes routing restrictions once inside the building. These cables meet the application requirements of the National Electrical Code (NEC Article 770) and are OFNP- and FT6-listed.

#### FEATURES

- 250 μm color-coded fibers for quick and easy identification during installation
- Loose tube design for mechanical ruggedness and environmental durability
- All-dielectric cable construction requires no grounding or bonding
- Available in 62.5 μm, 50 μm (including laser-optimized 50 μm) and single-mode versions
- Gel-free providing for more efficient and craft-friendly cable preparation

- Flexible, flame-retardant jacket that is UV resistant and enables direct exposure to sunlight
- Available in interlocking armor for special applications requiring additional mechanical durability

#### APPLICATIONS

Inter and intrabuilding backbones in aerial, duct and plenum applications



For more information, contact your local sales office.

# Indoor/Outdoor Cables

## FREEDM Loose Tube Gel-free Interlocking Armored Riser Cables

### CORNING CABLE SYSTEMS

Corning Cable Systems FREEDM Loose Tube Gel-free Interlocking Armored Cables are flame-retardant, indoor/outdoor, riser-rated cables encased in a spirally-wrapped interlocking metal tape for ruggedness and superior crush resistance. Because of the riser rating, there is no need for a transition splice when entering the building. These cables are fully water-blocked without the use of messy gels, providing for more efficient and craft-friendly cable preparation. Available from 24 to 120 fibers, the buffer tubes and fibers in each tube are color-coded for quick, easy identification.



### FEATURES

- Interlocking armor provides mechanical protection
- Meets cyclic impact and chemical resistance tests for superior performance
- Listed OFCR-LS and CSA OFC FT4-ST1
- Tested to industrial ruggedness standards
- Meets burn test criteria

### APPLICATIONS

Inter and intrabuilding backbones in aerial, duct and riser applications  
 Industrial and heavy-traffic areas  
 Installations requiring extra protection for optical cables  
 Designed for building backbones and harsh environments atypical of traditional datacom systems

#### 62.5/125 MULTIMODE

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); minimum LED: 200/500 MHz•km (850/1300 nm); effective modal bandwidth: 220 MHz•km (850 nm); serial Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
373-COR625-LTAIRL-06	006KUF-T4130DA1	6	0.80	20.2	600	2700	180	810	11.9	30.3	8.0	20.2
373-COR625-LTAIRL-24	024KUF-T4130DA1	24	0.80	20.2	600	2700	180	810	11.9	30.3	8.0	20.2

#### STANDARD 50/125 MULTIMODE

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED: 700/500 MHz•km (850/1300 nm); effective modal bandwidth: 950 MHz•km (850 nm); serial Gigabit Ethernet distance: 750/600 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
373-COROM2-LTRA-06	006TUF-T4131DA1	6	0.80	20.2	600	2700	180	810	30.3	11.9	8.0	20.2
373-COROM2-LTRA-12	012TUF-T4131DA1	12	0.80	20.2	600	2700	180	810	30.3	11.9	8.0	20.2
373-COROM2-LTRA-24	024TUF-T4131DA1	24	0.80	20.2	600	2700	180	810	30.3	11.9	8.0	20.2

#### LASER-OPTIMIZED 50/125 MULTIMODE (PRETIUM 300)

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED bandwidth: 1,500/500 MHz•km (850/1300 nm); effective modal bandwidth: 2,000 MHz•km (850 nm); serial Gigabit Ethernet distance guarantee: 1,000/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance guarantee: 300 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
373-COROM3-LTRA-06	006TUF-T4180DA1	6	0.80	20.2	600	2700	180	810	11.9	30.3	8.0	20.2
373-COROM3-LTRA-12	012TUF-T4180DA1	12	0.80	20.2	600	2700	180	810	11.9	30.3	8.0	20.2
373-COROM3-LTRA-24	024TUF-T4180DA1	24	0.80	20.2	600	2700	180	810	11.9	30.3	8.0	20.2

#### 8.3/125 SINGLE-MODE

Maximum attenuation: 0.4/0.4/0.3 dB/km (1310/1383/1550 nm); serial Gigabit Ethernet distance: 5,000 m (1310 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
373-COR8.3-LTAIRL-06	006EUF-T4101DA1	6	0.80	20.2	600	2700	180	810	11.9	30.3	8.0	20.2
373-COR8.3LTAIRL-12	012EUF-T4101DA1	6	0.80	20.2	600	2700	180	810	11.9	30.3	8.0	20.2
373-COR8.3LTAIRL-24	024EUF-T4101DA1	6	0.80	20.2	600	2700	180	810	11.9	30.3	8.0	20.2

# Indoor/Outdoor Cables

## FREEDM Fan-out Cables

### CORNING CABLE SYSTEMS

Corning Cable Systems OFNR FREEDM Fan-out Cables utilize flame-retardant, 900 μm, TBII Buffered Fiber subunits surrounded by water-resistant, dielectric strength members and protected by a flexible, flame-retardant outer jacket. These cables meet the application requirements of the National Electrical Code (NEC Article 770) and are OFNR- and FT4-listed. These cables are ideal for routing inside/outside buildings into riser spaces; to security, surveillance or monitoring cameras, and within telecommunications rooms and workstations.



### SPECIFICATIONS

1. Approvals and listings: NEC OFNR, CSA FT4
2. Design criteria ICEA S-104-696
3. Storage temperature -40°C to +70°C (-40°F to +158°F)
4. Installation temperature -10°C to +70°C (+14°F to +158°F)
5. Operating temperature -40°C to +70°C (-40°F to +158°F)

- All-dielectric cable construction requires no grounding or bonding
- Availability with approval for TEMPEST applications
- Listed OFNR and FT4
- RoHS compliant
- ICEA S-104-696 tests

### FEATURES

- Indoor/outdoor temperature- and water-resistant performance provides superior environmental protection
- No need for transition splice entering a building
- Easily terminated 2.9 mm subunits enable field terminations
- 900 μm, TBII Buffered Fibers enable easy, consistent stripping
- Small diameter and bend radius allow easy installation in space-constrained areas
- Available in single-mode and multimode fibers

### APPLICATIONS

Premises security: ideal for providing direct optical connections from indoor and outdoor surveillance cameras to security control locations  
 Traffic control: optical feeds in rugged environments  
 Building networks: low-fiber-count connections within building backbone riser and horizontal spaces  
 Premises data: may be used for direct terminations inside and between building locations  
 Secure communications: ideal for providing a secure link for surveillance or data

#### 62.5/125 MULTIMODE

Maximum attenuation: 3.5/1.0 dB/km (850/1300 nm); minimum LED: 200/500 MHz•km (850/1300 nm); effective modal bandwidth: 220 MHz•km (850 nm); serial Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation (lb.)	Long Term (lb.)	Installation (lb.)	Long Term (lb.)	Installation (in.)	Long Term (in.)	Installation (cm)	Long Term (cm)
<b>373-COR62.5-F02.9-02</b>	002K6F-31130-24	2	0.25 x 0.30	4.2 x 6.5	660	150	330	75	4.5	11.4	3.0	7.6

#### STANDARD 50/125 MULTIMODE

Maximum attenuation: 3.5/1.5 dB/km (850/1300 nm); minimum LED bandwidth: 500/500 MHz•km (850/1300 nm); effective modal bandwidth: 510 MHz•km (850 nm); serial Gigabit Ethernet distance: 600/600 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation (lb.)	Long Term (lb.)	Installation (lb.)	Long Term (lb.)	Installation (in.)	Long Term (in.)	Installation (cm)	Long Term (cm)
<b>373-COR0M2-F02.9-02</b>	002T6F-31131-24	2	0.25 x 0.30	4.2 x 6.5	660	150	330	75	4.5	11.4	3.0	7.6

#### LASER-OPTIMIZED 50/125 MULTIMODE (PRETIUM 300)

Maximum attenuation: 3.0/1.5 dB/km (850/1300 nm); minimum LED bandwidth: 1,500/500 MHz•km (850/1300); effective modal bandwidth: 2,000 MHz•km (850 nm); serial Gigabit Ethernet distance: 1,000/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance: 300 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation (lb.)	Long Term (lb.)	Installation (lb.)	Long Term (lb.)	Installation (in.)	Long Term (in.)	Installation (cm)	Long Term (cm)
<b>373-COR0M3-F02.9-02</b>	002T6F-31180-24	2	0.25 x 0.30	4.2 x 6.5	660	150	330	75	4.5	11.4	3.0	7.6

#### 8.3/125 SINGLE-MODE

Maximum attenuation: 0.4/0.3 dB/km (1310/1550 nm); serial Gigabit Ethernet distance: 5,000 m (1310 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation (lb.)	Long Term (lb.)	Installation (lb.)	Long Term (lb.)	Installation (in.)	Long Term (in.)	Installation (cm)	Long Term (cm)
<b>373-COR8.3-F02.9-02</b>	002E6F-31131-24	2	0.25 x 0.30	4.2 x 6.5	660	150	330	75	4.5	11.4	3.0	7.6

# Indoor/Outdoor Cables

## FREEDM One Riser Cables

### CORNING CABLE SYSTEMS

Corning Cable Systems FREEDM One Riser Cables are OFNR-/FT4-listed, UV-resistant and fully water-blocked for indoor/outdoor applications. They are suitable for duct, aerial and direct-buried installations with no need for a transition splice when entering the building. Available in fiber counts of 6, 12 and 24 fibers, the tight-buffered construction facilitates easier termination for low-fiber-count applications in the local area network (LAN).



### FEATURES

- Eliminates cable transition at the building entrance, reducing installation time and cost in addition to increasing channel operation margin
- Tight-buffered design eliminates need for fan-out kits
- TIA-598, color-coded, 900  $\mu$ m TBII Buffered Fibers for easy identification and direct termination
- Small diameter and bend radius allow for easy installation in space-constrained areas
- All-dielectric cable construction eliminates grounding and bonding concerns
- UV-resistant, flame-retardant outer jacket is rugged and durable
- Dry cable water-blocking technology for OSP applications
- OFNR- and FT4-listed for riser and general purpose use
- Available with 62.5  $\mu$ m, 50  $\mu$ m and single-mode fiber
- ICEA S-104-696 test criteria
- Also available in OFNP- and FT6-listed cables

### 62.5/125 MULTIMODE

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); minimum LED: 200/500 MHz•km (850/1300 nm); effective modal bandwidth: 220 MHz•km (850 nm); serial Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation		Long Term		Installation		Long Term	
373-COR62.5-TBRD-06	006K8F-31130-29	6	0.25	6.4	300	1335	90	400	3.8	9.6	2.5	6.4
373-COR62.5-TBRD-12	012K8F-31130-29	12	0.30	7.6	300	1335	90	400	4.5	11.4	3.0	7.6
373-COR62.5-TBRD-24	024K8F-31130-29	24	0.43	11.0	600	2670	180	800	6.5	16.5	4.3	11.0

### STANDARD 50/125 MULTIMODE

Maximum attenuation: 2.8/1.0 dB/km (850/1300 nm); minimum LED: 700/500 MHz•km (850/1300 nm); effective modal bandwidth: 950 MHz•km (850 nm); serial Gigabit Ethernet distance: 750/600 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation		Long Term		Installation		Long Term	
373-COROM2-TBRD-06	006T8F-31131-29	6	0.25	6.4	300	1335	90	400	3.8	9.6	2.5	6.4
373-COROM2-TBRD-12	012T8F-31131-29	12	0.30	7.6	300	1335	90	400	4.5	11.4	3.0	7.6
373-COROM2-TBRD-24	024T8F-31131-29	24	0.43	11.0	600	2670	180	800	6.5	16.5	4.3	11.0

### LASER-OPTIMIZED 50/125 MULTIMODE (PRETIUM 300)

Maximum attenuation: 2.8/1.0 dB/km (850/1300 nm); minimum LED bandwidth: 1,500/500 MHz•km (850/1300 nm); effective modal bandwidth: 2,000 MHz•km (850 nm); serial Gigabit Ethernet distance guarantee: 1,000/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance guarantee: 300 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation		Long Term		Installation		Long Term	
373-COROM3-TBRD-06	006T8F-31180-29	6	0.25	6.4	300	1335	90	400	3.8	9.6	2.5	6.4
373-COROM3-TBRD-12	012T8F-31180-29	12	0.30	7.6	300	1335	90	400	4.5	11.4	3.0	7.6
373-COROM3-TBRD-24	024T8F-31180-29	24	0.43	11.0	600	2670	180	800	6.5	16.5	4.3	11.0

### SINGLE-MODE

Maximum attenuation: 0.65/0.65/0.5 dB/km (1310/1383/1550 nm); serial Gigabit Ethernet distance: 5,000 m (1310/1550 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation		Long Term		Installation		Long Term	
373-COR8.3-TBRD-06	006E8F-31131-29	6	0.25	6.4	300	1335	90	400	3.8	9.6	2.5	6.4
373-COR8.3-TBRD-12	012E8F-31131-29	12	0.30	7.6	300	1335	90	400	4.5	11.4	3.0	7.6
373-COR8.3-TBRD-24	024E8F-31131-29	24	0.43	11.0	600	2670	180	800	6.5	16.5	4.3	11.0



# Indoor/Outdoor Cables

## FREEDM One Plenum Cables

### CORNING CABLE SYSTEMS

Corning Cable Systems FREEDM One Plenum Cables are OFNP- and FT6-listed, UV-resistant and fully water-blocked for indoor/outdoor applications. They are suitable for duct, aerial and direct-buried installations with no need for a transition splice when entering the building. Available in fiber counts of 6, 12 and 24 fibers, the tight-buffered construction facilitates easier termination for low-fiber-count applications in the local area network (LAN).



### FEATURES

- Eliminates cable transition at the building entrance, reducing installation time and cost in addition to increasing operating margin
- Tight-buffered design eliminates need for fan-out kits
- TIA-598, color-coded, 900  $\mu$ m, TBII Buffered Fibers for easy identification and direct termination
- Small diameter and bend radius allow for easy installation in space-constrained areas
- All-dielectric cable construction eliminates grounding and bonding concerns
- UV-resistant, flame-retardant outer jacket is rugged and durable
- Dry cable water-blocking technology for OSP applications
- OFNP- and FT6-listed for plenum, riser and general purpose use
- Available with 62.5  $\mu$ m, 50  $\mu$ m and single-mode fiber
- ICEA S-104-696 test criteria
- Riser-rated version available

### 62.5/125 MULTIMODE

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); minimum LED: 200/500 MHz•km (850/1300 nm); effective modal bandwidth: 220 MHz•km (850 nm); serial Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
<b>373-COR62.5-TBD-06</b>	006K8P-31130-29	6	0.24	6.2	300	1335	90	400	3.7	9.3	2.4	6.2
<b>373-COR62.5-TBD-12</b>	012K8P-31130-29	12	0.29	7.3	300	1335	90	400	4.3	11.0	2.9	7.3
<b>373-COR62.5-TBD-24</b>	024K8P-31130-29	24	0.43	10.9	600	2670	180	800	6.5	16.4	4.3	10.9

### SINGLE-MODE

Maximum attenuation: 0.65/0.65/0.5 dB/km (1310/1383/1550 nm); serial Gigabit Ethernet distance: 5,000 m (1310 nm)

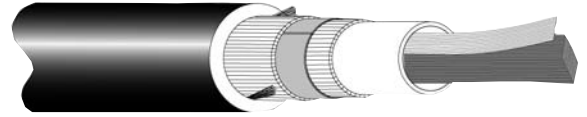
Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
<b>373-COR8.3-TBD-06</b>	006E8P-31131-29	6	0.24	6.2	300	1335	90	400	3.7	9.3	2.4	6.2
<b>373-COR8.3-TBD-12</b>	012E8P-31131-29	12	0.29	7.3	300	1335	90	400	4.3	11.0	2.9	7.3
<b>373-COR8.3-TBD-24</b>	024E8P-31131-29	24	0.43	10.9	600	2670	180	800	6.5	16.4	4.3	10.9

# Indoor/Outdoor Cables

## FREEDM Ribbon Riser Cables

### CORNING CABLE SYSTEMS

Corning Cable Systems FREEDM Ribbon Riser cables are lightweight cables designed for indoor/outdoor applications. A UV-resistant, flame-retardant jacket allows added flexibility in placing this cable outdoors, whether it is an aerial or duct application, or indoors in general horizontal or riser applications. The cable consists of a ribbon stack of 12-fiber ribbons within a gel-filled central buffer tube. Surrounding the tube are dielectric strength members, which provide tensile strength, and innovative dry cable water-blocking tapes, which reduce cable preparation time and weight.



### FEATURES

- Listed OFNR, available from 12 to 216 fibers
- Available in 62.5  $\mu\text{m}$ , 50  $\mu\text{m}$ , single-mode and hybrid versions
- 12-fiber ribbons with readily identifiable ribbon ID numbers and fiber colors
- Easily accessible individual, 250  $\mu\text{m}$ , colored fibers
- Precise fiber and ribbon geometries result in excellent mass splicing yields
- Available preconnectorized for easy field installation and reduced labor costs
- Superior water-blocking performance using craft-friendly, swellable polymer technology
- Compatible with standard ribbon cable procedures and hardware
- Available with Gigabit Ethernet and 10 Gigabit Ethernet performance

### APPLICATIONS

Campus backbones in aerial, duct and riser applications

8.3/125 SINGLE-MODE

Maximum attenuation: 0.4/0.4/0.3 dB/km (1310/1383/1550 nm); serial Gigabit Ethernet distance: 5,000 m (1310 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-537-SMODERIB-24	024ECF-14101-20	24	0.46	11.6	600	2700	135	600	6.9	17.4	4.6	11.6
370-537-SMODERIB-48	048ECF-14101-20	48	0.46	11.6	600	2700	135	600	6.9	17.4	4.6	11.6
370-537-SMODERIB-72	072ECF-14101-20	72	0.51	12.7	600	2700	135	600	7.5	19.1	5.0	12.7
370-537-SMODERIB-216	216ECF-14101-20	216	0.69	17.6	600	2700	135	600	10.4	26.4	6.9	17.6

For more information, contact your local sales office.

## MIC Riser Cables (2-24 Fiber)

### CORNING CABLE SYSTEMS

Corning Cable Systems MIC Riser Cables are multifiber cables utilizing 900  $\mu\text{m}$  TBII Buffered Fibers surrounded by dielectric strength members and a flame-retardant outer jacket. These cables meet the application requirements of the National Electrical Code (NEC Article 770) and are OFNR- and FT4-listed. These cables are ideal for intrabuilding cabling including riser shafts, telecommunications rooms and workstations.



### FEATURES

- Utilizes 900  $\mu\text{m}$  TBII Buffered Fibers, enabling easy, consistent stripping
- Available in 62.5  $\mu\text{m}$ , 50  $\mu\text{m}$ , single-mode and hybrid versions
- All-dielectric construction requires no grounding and bonding
- Available with metallic interlocking armor or all dielectric interlocking armor
- Availability with approval for TEMPEST applications
- Meets application requirements of the National Electrical Code (NEC Article 770)
- Listed OFNR and FT4
- Available with Gigabit Ethernet and 10 Gigabit Ethernet performance

### APPLICATIONS

Intrabuilding backbone and horizontal installations in riser and general purpose environments

#### 62.5/125 MULTIMODE

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); minimum LED: 200/500 MHz•km (850/1300 nm); effective modal bandwidth: 220 MHz•km (850 nm); serial Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-947-FDDI-02	002K81-31130-24	2	0.19	4.7	150	660	45	200	2.8	7.1	1.0	2.4
370-947-FDDI-04	004K81-31130-24	4	0.20	5.0	150	660	45	200	3.0	7.5	1.0	2.5
370-947-FDDI-06	006K81-31130-24	6	0.22	5.5	150	660	45	200	3.3	8.3	1.1	2.8
370-947-FDDI-08	008K81-31130-24	8	0.24	6.0	150	660	45	200	3.6	9.0	2.4	6.0
370-947-FDDI-12	012K81-33130-24	12	0.25	6.3	150	660	45	200	3.7	9.5	1.3	3.2
370-947-FDDI-18	018K81-33130-24	18	0.29	7.4	300	1320	90	400	4.4	11.1	2.9	7.4
370-947-FDDI-24	024K81-33130-24	24	0.31	8.0	300	1320	90	400	4.7	12.0	3.1	8.0

#### STANDARD 50/125 MULTIMODE

Maximum attenuation: 2.8/1.0 dB/km (850/1300 nm); minimum LED: 700/500 MHz•km (850/1300 nm); effective modal bandwidth: 950 MHz•km (850 nm); serial Gigabit Ethernet distance: 750/600 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
371-COROM2-TBD-02	002T81-31131-24	2	0.19	4.7	150	660	45	200	2.8	7.1	1.0	2.4
371-COROM2-TBD-04	004T81-31131-24	4	0.20	5.0	150	660	45	200	3.0	7.5	1.0	2.5
371-COROM2-TBD-06	006T81-31131-24	6	0.22	5.5	150	660	45	200	3.3	8.3	1.1	2.8
371-COROM2-TBD-12	012T81-33131-24	12	0.25	6.3	150	660	45	200	3.7	9.5	2.5	3.2
371-COROM2-TBD-24	024T81-33131-24	24	0.31	8.0	300	1320	90	400	4.7	12.0	3.1	8.0

#### LASER-OPTIMIZED 50/125 MULTIMODE (PRETIUM 300)

Maximum attenuation: 2.8/1.0 dB/km (850/1300 nm); minimum LED bandwidth: 1,500/500 MHz•km (850/1300 nm); effective modal bandwidth: 2,000 MHz•km (850 nm); serial Gigabit Ethernet distance guarantee: 1,000/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance guarantee: 300 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
371-COROM3-TBD-06	006T81-31180-24	6	0.22	5.5	150	660	45	200	3.3	8.3	1.1	2.8
371-COROM3-TBD-12	012T81-33180-24	12	0.25	6.3	150	660	45	200	3.7	9.5	1.3	3.2
371-COROM3-TBD-24	024T81-33180-24	24	0.31	8.0	300	1320	90	400	4.7	12.0	3.1	8.0

Continued on next page >>

# Indoor Cables

(continued) MIC Riser Cables (2-24 Fiber)

8.3/125 SINGLE-MODE

Maximum attenuation: 0.65/0.65/0.5 dB/km (1310/1383/1550 nm); serial Gigabit Ethernet distance: 5,000 m (1310 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-947-SMODE-02	002E81-31131-24	2	0.19	4.7	150	660	45	200	2.8	7.1	1.0	2.4
370-947-SMODE-04	004E81-31131-24	4	0.20	5.0	150	660	45	200	3.0	7.5	1.0	2.5
370-947-SMODE-06	006E81-31131-24	6	0.22	5.5	150	660	45	200	3.3	8.3	1.1	2.8
370-947-SMODE-08	008E81-31131-24	8	0.24	6.0	150	660	45	200	3.6	8.9	2.4	9.0
370-947-SMODE-12	012E81-33131-24	12	0.25	6.3	150	660	45	200	3.7	9.5	1.3	3.2
370-947-SMODE-24	024E81-33131-24	24	0.31	8.0	300	1320	90	400	4.7	12.0	3.1	8.0

HYBRID: 62.5/125 MULTIMODE AND 8.3/125 SINGLE-MODE

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-947-HYBRID-6/6	012X81-A9030-24	6 MM/6 SM	0.25	6.3	150	660	45	200	3.7	9.5	1.3	3.2
370-947-HYBRID-12/6	018X81-A9044-24	12 MM/6 SM	0.29	7.4	300	1320	90	400	4.4	11.1	2.9	7.4
370-947-HYBRID-12/12	024X81-A9034-24	12 MM/12 SM	0.31	8.0	300	1320	90	400	4.7	12.0	3.1	8.0
370-947-HYBRID-24/12	036X81-A9037-24	24 MM/12 SM	0.58	14.8	300	1320	90	400	8.7	22.2	5.8	14.8

HYBRID: STANDARD 50/125 MULTIMODE AND 8.3/125 SINGLE-MODE

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-050-HYBMIC-06/12	018X81-A8700-24	6 MM/12 SM	0.29	7.4	300	1320	90	400	4.4	11.1	2.9	7.4
370-050-HYBMIC-12/24	036X81-A8371-24	12 MM/24 SM	0.58	14.8	300	1320	90	400	8.7	22.2	5.8	14.8

## MIC Unitized Riser Cables (36-144 Fiber)

### CORNING CABLE SYSTEMS

Corning Cable Systems MIC Unitized Riser Cables are multifiber cables with multiple subunits of 6 or 12 tight-buffered fibers stranded around a dielectric central member with dielectric-strength members and a flame-retardant outer jacket. These cables meet the application requirements of the National Electrical Code (NEC) and are OFNR- and FT4-listed. These cables are ideal for routing inside buildings including in riser shafts, to telecommunications rooms and to workstations.



### FEATURES

- Multifiber cable with multiple subunits of 6 or 12 fibers
- Utilizes TBII Buffered Fiber enabling easy, consistent stripping
- Available in 62.5 μm, 50 μm, single-mode and hybrid versions
- All-dielectric construction requires no grounding or bonding
- Available with metallic interlocking armor
- Meets application requirements of the National Electrical Code (NEC Article 770)
- Listed OFNR and FT4
- Available with Gigabit Ethernet and 10 Gigabit Ethernet performance

### APPLICATIONS

Intrabuilding backbones in riser and general purpose installations

# Indoor Cables

## 62.5/125 MULTIMODE

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); minimum LED: 200/500 MHz•km (850/1300 nm); effective modal bandwidth: 220 MHz•km (850 nm); serial Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
<b>370-947-FDDI-36</b>	036K81-61130-24	36	0.58	14.8	300	1320	90	400	8.7	22.2	5.8	14.8
<b>370-947-FDDI-48</b>	048K81-61130-24	48	0.69	17.8	300	1320	90	400	10.5	26.7	7.0	17.8
<b>370-947-FDDI-72</b>	072K81-T3130-24	72	0.73	18.6	300	1320	90	400	11.0	27.9	7.3	18.6

## STANDARD 50/125 MULTIMODE

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED: 700/500 MHz•km (850/1300 nm); effective modal bandwidth: 950 MHz•km (850 nm); serial Gigabit Ethernet distance: 750/600 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
<b>371-COROM2-TBD-48</b>	048T81-61131-24	48	0.69	17.8	300	1320	90	400	10.5	26.7	7.0	17.8

## 8.3/125 SINGLE-MODE

Maximum attenuation: 0.65/0.65/0.5 dB/km (1310/1383/1550 nm); serial Gigabit Ethernet distance: 5,000 m (1310 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
<b>370-947-SMODE-36</b>	036E81-61131-24	36	0.58	14.8	300	1320	90	400	8.7	22.2	5.8	14.8
<b>370-947-SMODE-48</b>	048E81-61131-24	48	0.69	17.8	300	1320	90	400	10.5	26.7	7.0	17.8
<b>370-947-SMODE-72</b>	072E81-T3131-24	72	0.73	18.6	300	1320	90	400	11.0	27.9	7.3	18.6

### Application Notes

Fiber optic cables follow the same basic color-coding scheme as standard copper telephone cables, with the exception that fibers are colored individually, not in pairs. In outside plant fiber cables, individual groups of fibers are bound together for identification by colored yarn or tubes. These binder groups follow the same color-code scheme as the individual fibers so that the color of the first tube and the first fiber are the same, and so on. This eliminates confusion during the installation of higher-fiber-count cables, because the installer can work with one binder group at a time, following the color code to terminate each fiber bundle in order.

The standard color code is as follows:

1. Blue, 2. Orange, 3. Green, 4. Brown, 5. Slate, 6. White, 7. Red, 8. Black, 9. Yellow, 10. Violet, 11. Rose, 12. Aqua.

In cables of 18 to 24 fibers, a stripe or black dash is used to identify fibers #13 to #24.

# Indoor Cables

## MIC Plenum Cables (2-24 Fiber)

### CORNING CABLE SYSTEMS

Corning Cable Systems OFNP MIC cables utilize 900  $\mu\text{m}$  TBII Buffered Fibers surrounded by dielectric strength members with a flexible, flame-retardant outer jacket. These cables meet the application requirements of the National Electrical Code (NEC Article 770) and are OFNP- and FT6-listed. These cables are ideal for routing inside buildings within plenum areas and riser shafts to telecommunications rooms and workstations.



### FEATURES

- 900  $\mu\text{m}$  TBII Buffered Fibers enable easy, consistent stripping
- Small diameter and bend radius allow easy installation in space-constrained areas
- Available in 62.5  $\mu\text{m}$ , 50  $\mu\text{m}$ , single-mode and hybrid versions
- All-dielectric cable construction requires no grounding or bonding
- Available with metallic interlocking armor and all dielectric interlocking armor
- Listed OFNP and FT6
- Available with Gigabit Ethernet and 10 Gigabit Ethernet performance

### APPLICATIONS

Building backbone and horizontal installations in plenum, riser and general purpose environments

#### 62.5/125 MULTIMODE

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); minimum LED: 200/500 MHz•km (850/1300 nm); effective modal bandwidth: 220 MHz•km (850 nm); serial Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation		Long Term		Installation		Long Term	
370-949-FDDI-02	002K88-31130-29	2	0.20	5.0	100	440	30	132	3.0	7.5	1.0	2.5
370-949-FDDI-04	004K88-31130-29	4	0.21	5.3	100	440	30	132	3.2	8.0	1.1	2.7
370-949-FDDI-06	006K88-31130-29	6	0.21	5.3	100	440	30	132	3.2	8.0	1.1	2.7
370-949-FDDI-08	008K88-31130-29	8	0.23	5.9	100	440	30	132	3.5	8.9	2.3	5.9
370-949-FDDI-12	012K88-33130-29	12	0.24	6.1	100	440	30	132	3.6	9.2	1.2	3.1
370-949-FDDI-18	018K88-33130-29	18	0.29	7.4	150	660	45	200	4.4	11.1	2.9	7.4
370-949-FDDI-24	024K88-33130-29	24	0.31	7.8	150	660	45	200	4.6	11.7	3.1	7.8

#### STANDARD 50/125 MULTIMODE

Maximum attenuation: 2.8/1.0 dB/km (850/1300 nm); minimum LED: 700/500 MHz•km (850/1300 nm); effective modal bandwidth: 950 MHz•km (850 nm); serial Gigabit Ethernet distance: 750/600 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation		Long Term		Installation		Long Term	
370-COROM2-TBD-02	002T88-31131-29	2	0.20	5.0	100	440	30	132	3.0	7.5	1.0	2.5
370-COROM2-TBD-04	004T88-31131-29	4	0.21	5.3	100	440	30	132	3.2	8.0	1.1	2.7
370-COROM2-TBD-06	006T88-31131-29	6	0.21	5.3	100	440	30	132	3.2	8.0	1.1	2.7
370-COROM2-TBD-08	008T88-31131-29	8	0.23	5.9	100	440	30	132	3.5	8.9	2.3	5.9
370-COROM2-TBD-12	012T88-33131-29	12	0.24	6.1	100	440	30	132	3.6	9.2	1.2	3.1
370-COROM2-TBD-18	018T88-33131-29	18	0.29	7.4	150	660	45	200	4.4	11.1	2.9	7.4
370-COROM2-TBD-24	024T88-33131-29	24	0.31	7.8	150	660	45	200	4.6	11.7	3.1	7.8

# Indoor Cables

**LASER-OPTIMIZED 50/125 MULTIMODE (PRETIUM 300)**

Maximum attenuation: 2.8/1.0 dB/km (850/1300 nm); minimum LED bandwidth: 1,500/500 MHz•km (850/1300 nm); effective modal bandwidth: 2,000 MHz•km (850 nm); serial Gigabit Ethernet distance guarantee: 1,000/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance guarantee: 300 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
<b>370-COROM3-TBD-06</b>	006T88-31180-29	6	0.21	5.3	100	440	30	132	3.2	8.0	1.1	2.7
<b>370-COROM3-TBD-12</b>	012T88-33180-29	12	0.24	6.1	100	440	30	132	3.6	9.2	1.2	3.1
<b>370-COROM3-TBD-24</b>	024T88-33180-29	24	0.31	7.8	150	660	45	200	4.6	11.7	3.1	7.8

**LASER-OPTIMIZED 50/125 MULTIMODE (PRETIUM 550)**

Maximum attenuation: 2.8/1.0 dB/km (850/1300 nm); minimum LED bandwidth: 1,500/500 MHz•km (850/1300 nm); effective modal bandwidth: 4,700 MHz•km (850 nm); serial Gigabit Ethernet distance guarantee: 1,000/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance guarantee: 550 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
<b>370-COROM4-TBD-06</b>	006T88-31190-29	6	0.21	5.3	100	440	30	132	3.2	8.0	1.1	2.7
<b>370-COROM4-TBD-12</b>	012T88-33190-29	12	0.24	6.1	100	440	30	132	3.6	9.2	1.2	3.1
<b>370-COROM4-TBD-24</b>	024T88-33190-29	24	0.31	7.8	150	660	45	200	4.6	11.7	3.1	7.8

**8.3/125 SINGLE-MODE**

Maximum attenuation: 0.65/0.65/0.5 dB/km (1310/1383/1550 nm); serial Gigabit Ethernet distance: 5,000 m (1310 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
<b>370-948-SMODE-02</b>	002E88-31131-29	2	0.20	5.0	100	440	30	132	3.0	7.5	1.0	2.5
<b>370-948-SMODE-04</b>	004E88-31131-29	4	0.21	5.3	100	440	30	132	3.2	8.0	1.1	2.7
<b>370-948-SMODE-06</b>	006E88-31131-29	6	0.21	5.3	100	440	30	132	3.2	8.0	1.1	2.7
<b>370-948-SMODE-12</b>	012E88-33131-29	12	0.24	6.1	100	440	30	132	3.6	9.2	1.2	3.1
<b>370-948-SMODE-24</b>	024E88-33131-29	24	0.31	7.8	150	660	45	200	4.6	11.7	3.1	7.8

**HYBRID: 62.5/125 MULTIMODE AND 8.3/125 SINGLE-MODE**

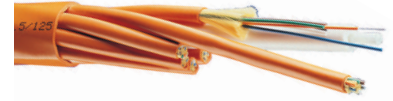
Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
<b>370-949-HYBRID-6/6</b>	012X88-A9031-29	6 MM/6 SM			100	440	30	132	3.0	7.5	1.0	2.5
<b>370-949-HYBRID-12/6</b>	018X88-A9045-29	12 MM/6 SM			100	440	30	132	3.2	8.0	1.1	2.7
<b>370-949-HYBRID-12/12</b>	024X88-A9036-29	12 MM/12 SM			100	440	30	132	3.2	8.0	1.1	2.7
<b>370-949-HYBRID-18/6</b>	024X88-A9035-29	18 MM/6 SM			100	440	30	132	3.6	9.2	1.2	3.1
<b>370-949-HYBRID-24/12</b>	036X88-A9038-29	24 MM/12 SM			150	660	45	200	4.6	11.7	3.1	7.8

# Indoor Cables

## MIC Unitized Plenum Cables (36-144 Fiber)

### CORNING CABLE SYSTEMS

Corning Cable Systems Plenum MIC Unitized Cables are multifiber cables with stranded subunits of 6 or 12 900  $\mu\text{m}$  TBII Buffered Fibers surrounded by a dielectric strength member and a flame-retardant outer jacket. These cables meet the application requirements of the National Electrical Code (NEC Article 770) and are OFNP- and FT6-listed. They are ideal for routing inside buildings within plenum areas and riser shafts to the telecommunications rooms and workstations.



### FEATURES

- Stranded subunits of 6 or 12 900  $\mu\text{m}$  fibers
- TBII Buffered Fibers enable easy, consistent stripping
- Available in 62.5  $\mu\text{m}$ , 50  $\mu\text{m}$ , single-mode and hybrid versions
- All-dielectric cable construction requires no grounding or bonding
- Available with metallic interlocking armor up to 72 fibers
- Meets application requirements of the National Electrical Code (NEC Article 770)
- Listed OFNP and FT6
- Available with Gigabit Ethernet and 10 Gigabit Ethernet performance

### APPLICATIONS

Intrabuilding backbone installations in plenum, riser and general purpose environments

#### 62.5/125 MULTIMODE

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); minimum LED: 200/500 MHz•km (850/1300 nm); effective modal bandwidth: 220 MHz•km (850 nm); serial Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation		Long Term		Installation		Long Term	
370-949-FDDI-36	036K88-61130-29	36	0.58	14.8	150	660	45	200	8.7	22.2	5.8	14.8
370-949-FDDI-48	048K88-61130-29	48	0.69	17.8	150	660	45	200	10.5	26.7	6.9	17.8
370-949-FDDI-72	072K88-T3130-29	72	0.73	18.6	150	660	45	200	11.0	27.9	7.3	18.6
370-949-FDDI-96	096K88-T3130-29	96	0.87	22.2	150	660	45	200	13.1	33.3	8.7	22.2

#### STANDARD 50/125 MULTIMODE

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED: 700/500 MHz•km (850/1300 nm); effective modal bandwidth: 950 MHz•km (850 nm); serial Gigabit Ethernet distance: 750/600 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation		Long Term		Installation		Long Term	
370-COROM2-TBD-48	048T88-61131-29	48	0.69	17.8	150	660	45	200	10.5	26.7	6.9	17.8
370-COROM2-TBD-72	072T88-T3131-29	72	0.73	18.6	150	660	45	200	11.0	27.9	7.3	18.6

#### LASER-OPTIMIZED 50/125 MULTIMODE (PRETIUM 300)

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED bandwidth: 1,500/500 MHz•km (850/1300 nm); effective modal bandwidth: 2,000 MHz•km (850 nm); serial Gigabit Ethernet distance guarantee: 1,000/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance guarantee: 300 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation		Long Term		Installation		Long Term	
370-COROM3-TBD-48	048T88-61180-29	48	0.69	17.8	150	660	45	200	10.5	26.7	6.9	17.8
370-COROM3-TBD-72	072T88-T3180-29	72	0.73	18.6	150	660	45	200	11.0	27.9	7.3	18.6

#### 8.3/125 SINGLE-MODE

Maximum attenuation: 0.65/0.65/0.5 dB/km (1310/1383/1550 nm); serial Gigabit Ethernet distance: 5,000 m (1310 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation		Long Term		Installation		Long Term	
370-948-SMODE-36	036E88-61131-29	36	0.58	14.8	150	660	45	200	8.7	22.2	5.8	14.8
370-948-SMODE-48	048E88-61131-29	48	0.69	17.8	150	660	45	200	10.5	26.7	6.9	17.8
370-948-SMODE-72	072E88-61131-29	72	0.73	18.6	150	660	45	200	11.0	27.9	7.3	18.6



## MIC Interlocking Armored Riser Cables (2-24 Fiber)

### CORNING CABLE SYSTEMS

Corning Cable Systems MIC Interlocking Armored Riser cables are standard OFNR MIC cables inside a spirally wrapped interlocking aluminum armor for ruggedness and superior crush resistance. These cables meet the application requirements of the National Electrical Code (NEC Article 770) and are OFCR- and FT4-listed.



### FEATURES

- Flexible interlocking aluminum armor offers superior crush resistance and cable protection
- Available in 62.5  $\mu\text{m}$ , 50  $\mu\text{m}$ , single-mode and hybrid versions
- Armored design allows easy one-step installation of protected cable reducing overall installation cost
- Flame-retardant outer jacket enables easier cable pulling, exterior jacket print including length markings and identification via jacket color
- Available with guaranteed Gigabit Ethernet performance and 10 Gigabit Ethernet performance

### APPLICATIONS

Intrabuilding backbones and horizontal installations in riser and general purpose environments  
Industrial and heavy traffic areas requiring extra protection for optical cables

#### 62.5/125 MULTIMODE

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); minimum LED: 200/500 MHz•km (850/1300 nm); effective modal bandwidth: 220 MHz•km (850 nm); serial Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
<a href="#">370-064-IRAIA-12</a>	012K81-33130-A1	12	0.50	12.6	150	660	45	200	7.4	18.9	5.0	12.6
<a href="#">370-064-IRAIA-24</a>	024K81-33130-A1	24	0.59	15	300	1320	90	400	8.9	22.5	5.9	15

#### STANDARD 50/125 MULTIMODE

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED: 700/500 MHz•km (850/1300 nm); effective modal bandwidth: 950 MHz•km (850 nm); serial Gigabit Ethernet distance: 750/600 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
<a href="#">371-COROM2-TBA-06</a>	006T81-31131-A1	6	0.47	11.9	150	660	45	200	7.0	17.9	4.7	11.9
<a href="#">371-COROM2-TBA-12</a>	012T81-33131-A1	12	0.50	12.6	150	660	45	200	7.4	18.9	5.0	12.6
<a href="#">371-COROM2-TBA-24</a>	024T81-33131-A1	24	0.59	15	300	1320	90	400	8.9	22.5	5.9	15

#### 8.3/125 SINGLE-MODE

Maximum attenuation: 0.65/0.65/5 dB/km (1310/1550 nm); serial Gigabit Ethernet distance: 5,000 m (1310 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
<a href="#">370-947-ARMORMIC-12</a>	012R81-33131-A1	12	0.50	12.6	150	660	45	200	7.4	18.9	5.0	12.6
<a href="#">370-947-ARMORMIC-24</a>	024R81-33131-A1	24	0.59	15	300	1320	90	400	8.9	22.5	5.9	15

# Indoor Cables

## MIC Interlocking Armored Plenum Cables (2-24 Fiber)

### CORNING CABLE SYSTEMS

Corning Cable Systems MIC Interlocking Armored Plenum Cables are standard OFNP MIC cables encased inside a spirally wrapped, interlocking armor for ruggedness and superior crush resistance. These cables meet the application requirements of the National Electrical Code (NEC Article 770) and are OFCP- and FT6-listed.



### FEATURES

- Flexible aluminum interlocking armor offers superior crush resistance and cable protection
- Available in 62.5  $\mu\text{m}$ , 50  $\mu\text{m}$ , single-mode and hybrid versions
- Armored design allows easy one-step installation of protected cable
- Flame-retardant outer jacket enables easier cable pulling; exterior jacket print includes length markings and identification via jacket color
- Available with guaranteed Gigabit Ethernet performance and 10 Gigabit Ethernet performance

### APPLICATIONS

Intrabuilding backbone and horizontal installations in plenum, riser and general purpose environments  
Industrial and heavy-traffic areas requiring extra protection for optical cables

#### 62.5/125 MULTIMODE

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); minimum LED: 200/500 MHz•km (850/1300 nm); effective modal bandwidth: 220 MHz•km (850 nm); serial Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-406-ARMORMIC-04	004K88-31130-A3	4	0.48	12.2	100	440	30	132	7.2	18.3	4.8	12.2
370-406-ARMORMIC-06	006K88-31130-A3	6	0.48	12.2	100	440	30	132	7.2	18.3	4.8	12.2
370-406-ARMORMIC-12	012K88-33130-A3	12	0.50	12.6	100	440	30	132	7.4	18.9	5.0	12.6
370-406-ARMORMIC-18	018K88-33130-A3	18	0.54	13.7	150	660	45	200	8.1	20.6	5.4	13.7
370-406-ARMORMIC-24	024K88-33130-A3	24	0.56	14.3	150	660	45	200	8.5	21.5	5.6	14.3

#### STANDARD 50/125 MULTIMODE

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED: 700/500 MHz•km (850/1300 nm); effective modal bandwidth: 950 MHz•km (850 nm); serial Gigabit Ethernet distance: 750/600 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-COROM2-TBA-06	006T88-31131-A3	6	0.48	12.2	100	440	30	132	7.2	18.3	4.8	12.2
370-COROM2-TBA-12	012T88-33131-A3	12	0.50	12.6	100	440	30	132	7.4	18.9	5.0	12.6
370-COROM2-TBA-24	024T88-33131-A3	24	0.56	14.3	150	660	45	200	8.5	21.5	5.6	14.3

#### LASER-OPTIMIZED 50/125 MULTIMODE (PRETIUM 300)

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED bandwidth: 1,500/500 MHz•km (850/1300 nm); effective modal bandwidth: 2,000 MHz•km (850 nm); serial Gigabit Ethernet distance guarantee: 1,000/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance guarantee: 300 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-COROM3-TBA-06	006T88-31180-A3	6	0.48	12.2	100	440	30	132	7.2	18.3	4.8	12.2
370-COROM3-TBA-12	012T88-33180-A3	12	0.50	12.6	100	440	30	132	7.4	18.9	5.0	12.6
370-COROM3-TBA-24	024T88-33180-A3	24	0.56	14.3	150	660	45	200	8.5	21.5	5.6	14.3

#### 8.3/125 SINGLE-MODE

Maximum attenuation: 0.65/0.65/0.5 dB/km (1310/1383/1550 nm); serial Gigabit Ethernet distance: 5,000 m (1310 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-COR8.3-TBAIRL-06	006E88-31131-A3	6	0.48	12.2	100	440	30	132	7.2	18.3	4.8	12.2
370-407-ARMORMIC-12	012E88-33131-A3	12	0.50	12.6	100	440	30	132	7.4	18.9	5.0	12.6
370-407-ARMORMIC-24	024E88-33131-A3	24	0.56	14.3	150	660	45	200	8.5	21.5	5.6	14.3

## MIC DX Armored Riser Cables (6-24 Fiber)

### CORNING CABLE SYSTEMS

Corning Cable Systems MIC DX Armored Riser Cables are standard OFNR MIC riser subunits placed inside a dielectric armor for ruggedness and superior crush resistance without the conductive properties of traditional armor. Individually jacketed TBII Buffered Fibers enable easy, consistent stripping and facilitate termination. The fibers are stranded around a dielectric central member that is protected by a flexible, all-dielectric armor offering easy, one-step installation and over four times the crush protection compared to unarmored cables.



### FEATURES

- Dielectric armor provides four times crush protection compared to unarmored
- TBII Buffered Fibers allow for easy, consistent stripping
- Flame-retardant jacket provides rugged and durable protection in heavy traffic or more challenging mechanical exposure conditions
- Easy armor removal ensures increased safety and speed at installation

### APPLICATIONS

These cables are designed for use in riser and general purpose environments for intrabuilding backbone and horizontal installations

#### 62.5/125 MULTIMODE

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); minimum LED: 200/500 MHz•km (850/1300 nm); effective modal bandwidth: 220 MHz•km (850 nm); serial Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation (lb.)	N	Long Term (lb.)	N	Installation (in.)	(cm)	Long Term (in.)	(cm)
<b>371-COROM1-TBAD-06</b>	006K81-31130-D1	6	0.40	10.1	200	890	100	444	6.0	15.2	4.0	10.2
<b>371-COROM1-TBAD-12</b>	012K81-33130-D1	12	0.43	10.9	225	1000	133	593	6.4	16.4	4.3	10.9
<b>371-COROM1-TBAD-24</b>	024K81-33130-D1	24	0.50	13.0	585	2600	195	867	7.6	19.4	5.1	13.0

#### STANDARD 50/125 MULTIMODE

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED: 700/500 MHz•km (850/1300 nm); effective modal bandwidth: 950 MHz•km (850 nm); serial Gigabit Ethernet distance: 750/600 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation (lb.)	N	Long Term (lb.)	N	Installation (in.)	(cm)	Long Term (in.)	(cm)
<b>371-COROM2-TBAD-06</b>	006T81-31131-D1	6	0.40	10.2	600	2668	310	1400	4.0	10.2	6.0	15.24
<b>371-COROM2-TBAD-12</b>	012T81-33131-D1	12	0.43	11.0	600	2668	310	1400	4.3	11.0	6.5	16.3
<b>371-COROM2-TBAD-24</b>	024T81-33131-D1	24	0.52	13.1	600	2668	310	1400	5.2	12.8	7.8	19.7

#### LASER-OPTIMIZED 50/125 MULTIMODE (PRETIUM 300)

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED bandwidth: 1,500/500 MHz•km (850/1300 nm); effective modal bandwidth: 2,000 MHz•km (850 nm); serial Gigabit Ethernet distance guarantee: 1,000/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance guarantee: 300 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation (lb.)	N	Long Term (lb.)	N	Installation (in.)	(cm)	Long Term (in.)	(cm)
<b>371-COROM3-TBAD-06</b>	006T81-31180-D1	6	0.40	10.2	600	2668	310	1400	4.0	10.2	6.0	15.24
<b>371-COROM3-TBAD-12</b>	012T81-33180-D1	12	0.43	11.0	600	2668	310	1400	4.3	11.0	6.5	16.3
<b>371-COROM3-TBAD-24</b>	024T81-33180-D1	24	0.52	13.1	600	2668	310	1400	5.2	12.8	7.8	19.7

#### 8.3/125 SINGLE-MODE

Maximum attenuation: 0.65/0.65/0.5 dB/km (1310/1383/1550 nm); serial Gigabit Ethernet distance: 5,000 m (1310 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation (lb.)	N	Long Term (lb.)	N	Installation (in.)	(cm)	Long Term (in.)	(cm)
<b>371-COR8.3-TBAD-06</b>	006E81-31131-D1	6	0.40	10.1	200	890	100	444	6.0	15.2	4.0	10.2
<b>371-COR8.3-TBAD-12</b>	012E81-33131-D1	12	0.43	10.9	225	1000	133	593	6.4	16.4	4.3	10.9
<b>371-COR8.3-TBAD-24</b>	024E81-33131-D1	24	0.50	13.0	585	2600	195	867	7.6	19.4	5.1	13.0

# Indoor Cables

## MIC DX Armored Plenum Cables (6-24 Fiber)

### CORNING CABLE SYSTEMS

Corning Cable Systems MIC DX Armored Plenum Cables are standard OFNP MIC Plenum subunits placed inside a dielectric armor for ruggedness and superior crush resistance without the conductive properties of traditional armor. Individually jacketed TBI Buffered Fibers enable easy, consistent stripping and facilitate termination. The fibers are stranded around a dielectric central member that is protected by a flexible, all-dielectric armor offering easy, one-step installation and over four times the crush protection compared to unarmored cables.



### FEATURES

- Dielectric armor provides four times crush protection compared to unarmored
- TBI Buffered Fibers allow for easy, consistent stripping
- Flame-retardant jacket provides rugged and durable protection in heavy traffic or more challenging mechanical exposure conditions
- Easy armor removal ensures increased safety and speed at installation

### APPLICATIONS

These cables are designed for use in plenum, riser and general purpose environments for intrabuilding backbone and horizontal installations

#### 62.5/125 MULTIMODE

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); minimum LED: 200/500 MHz•km (850/1300 nm); effective modal bandwidth: 220 MHz•km (850 nm); serial Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation		Long Term		Installation		Long Term	
<b>370-COROM1-TBAD-06</b>	006K88-31130-D3	6	0.41	10.5	200	890	100	444	6.2	15.8	4.1	10.5
<b>370-COROM1-TBAD-12</b>	012K88-33130-D3	12	0.45	11.5	225	1000	133	593	6.8	17.3	4.5	11.5
<b>370-COROM1-TBAD-24</b>	024K88-33130-D3	24	0.52	13.1	585	2600	195	867	7.7	19.7	5.2	13.1

#### STANDARD 50/125 MULTIMODE

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED: 700/500 MHz•km (850/1300 nm); effective modal bandwidth: 950 MHz•km (850 nm); serial Gigabit Ethernet distance: 750/600 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation		Long Term		Installation		Long Term	
<b>370-COROM2-TBAD-06</b>	006T88-31131-D3	6	0.41	10.5	200	890	100	444	6.2	15.8	4.1	10.5
<b>370-COROM2-TBAD-12</b>	012T88-33131-D3	12	0.45	11.5	225	1000	133	593	6.8	17.3	4.5	11.5
<b>370-COROM2-TBAD-24</b>	024T88-33131-D3	24	0.52	13.1	585	2600	195	867	7.7	19.7	5.2	13.1

#### LASER-OPTIMIZED 50/125 MULTIMODE (PRETIUM 300)

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED bandwidth: 1,500/500 MHz•km (850/1300 nm); effective modal bandwidth: 2,000 MHz•km (850 nm); serial Gigabit Ethernet distance guarantee: 1,000/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance guarantee: 300 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation		Long Term		Installation		Long Term	
<b>370-COROM3-TBAD-06</b>	006T88-31180-D3	6	0.41	10.5	200	890	100	444	6.2	15.8	4.1	10.5
<b>370-COROM3-TBAD-12</b>	012T88-33180-D3	12	0.45	11.5	225	1000	133	593	6.8	17.3	4.5	11.5
<b>370-COROM3-TBAD-24</b>	024T88-33180-D3	24	0.52	13.1	585	2600	195	867	7.7	19.7	5.2	13.1

#### 8.3/125 SINGLE-MODE

Maximum attenuation: 0.65/0.65/0.5 dB/km (1310/1383/1550 nm); serial Gigabit Ethernet distance: 5,000 m (1310 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation		Long Term		Installation		Long Term	
<b>370-COR8.3-TBAD-06</b>	006E88-31131-D3	6	0.41	10.5	200	890	100	444	6.2	15.8	4.1	10.5
<b>370-COR8.3-TBAD-12</b>	012E88-33131-D3	12	0.45	11.5	225	1000	133	593	6.8	17.3	4.5	11.5
<b>370-COR8.3-TBAD-24</b>	024E88-33131-D3	24	0.52	13.1	585	2600	195	867	7.7	19.7	5.2	13.1

## MIC 250 Cables (12 and 24 Fiber)

### CORNING CABLE SYSTEMS

Corning Cable Systems OFNP MIC 250 Plenum Cables utilize 250  $\mu\text{m}$ , color-coded optical fibers, surrounded by dielectric strength members, with a flexible, flame-retardant outer jacket. These cables meet the application requirements of the National Electrical Code (NEC Article 770) and are OFNP- and FT6-listed. These cables are ideal for creating multi-fiber preconnectorized assemblies.



### FEATURES

- 250  $\mu\text{m}$ , color-coded fibers enable efficient compatibility with multi-fiber connectors
- Small diameter and bend radius allow easy installation in space-constrained areas
- Available in 62.5  $\mu\text{m}$ , 50  $\mu\text{m}$  and single-mode versions
- All-dielectric cable construction requires no grounding or bonding
- Available with interlocking armor
- Listed OFNP and FT6
- Available with Gigabit Ethernet and 10 Gigabit Ethernet performance
- Available in higher fiber counts up to 144 fibers

### APPLICATIONS

Optimized for preconnectorized cable assembly solutions

#### 62.5/125 MULTIMODE

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); minimum LED: 200/500 MHz•km (850/1300 nm); effective modal bandwidth: 220 MHz•km (850 nm); serial Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
<b>370-COR62.5-LTD-12</b>	012KD8-31330-20	12	0.17	4.4	100	440	30	132	2.6	6.6	0.90	2.2

#### STANDARD 50/125 MULTIMODE

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED: 700/500 MHz•km (850/1300 nm); effective modal bandwidth: 950 MHz•km (850 nm); serial Gigabit Ethernet distance: 750/600 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
<b>370-COROM2-LTD-12</b>	012TD8-31331-20	12	0.17	4.4	100	440	30	132	2.6	6.6	0.90	2.2

#### LASER-OPTIMIZED 50/125 MULTIMODE (PRETIUM 300)

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED bandwidth: 1,500/500 MHz•km (850/1300 nm); effective modal bandwidth: 2,000 MHz•km (850 nm); serial Gigabit Ethernet distance guarantee: 1,000/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance guarantee: 300 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
<b>370-COROM3-LTD-12</b>	012TD8-31380-20	12	0.17	4.4	100	440	30	132	2.6	6.6	0.90	2.2

#### LASER-OPTIMIZED 50/125 MULTIMODE (PRETIUM 550)

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED bandwidth: 1,500/500 MHz•km (850/1300 nm); effective modal bandwidth: 4,700 MHz•km (850 nm); serial Gigabit Ethernet distance guarantee: 1,000/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance guarantee: 550 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
<b>370-COROM4-LTD-12</b>	012TD8-31390-20	12	0.17	4.4	100	440	30	132	2.6	6.6	0.90	2.2

#### 8.3/125 SINGLE-MODE

Maximum attenuation: 0.65/0.65/0.5 dB/km (1310/1383/1550 nm); serial Gigabit Ethernet distance: 5,000 m (1310 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
<b>370-COR8.3-LTD-12</b>	012ED8-31331-20	12	0.17	4.4	100	440	30	132	2.6	6.6	1.7	4.4

# Indoor Cables

## Fan-out Riser Cables

### CORNING CABLE SYSTEMS

Corning Cable Systems OFNR Fan-out Cables are multi-fiber cables that use individually jacketed, 900  $\mu\text{m}$  TBII Buffered Fibers stranded around a dielectric central member with a flame-retardant outer jacket. Ideal for routing in exposed trays and in riser shafts to the telecommunications room and workstation. Also used for direct termination of cable without patch panels.



#### FEATURES

- Uses 900  $\mu\text{m}$  TBII Buffered Fiber enabling easy, consistent stripping
- Available in 62.5  $\mu\text{m}$ , 50  $\mu\text{m}$ , single-mode and hybrid versions
- All-dielectric construction requires no grounding or bonding
- Meets application requirements of the National Electrical Code (NEC Article 770)
- Listed OFNR and FT4
- Available with guaranteed Gigabit Ethernet performance and 10 Gigabit Ethernet performance
- Also available with 1.6 mm and 2.9 mm heavy-duty subunits

#### Technical Information & Standards

62.5/125  $\mu\text{m}$  fiber  
 Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm)  
 Minimum LED: 200/500 MHz • km (850/1300 nm)  
 Effective modal bandwidth: 200/500 MHz • km (850 nm)  
 Serial Gigabit Ethernet distance: 300/550 m (850/1300 nm)

#### 2.0 MM SUBUNITS

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-647-FDDI2.0-02	002K61-31330-24	2	0.20	5.9	150	660	45	200	3.5	8.9	2.3	5.9
370-647-FDDI2.0-04	004K61-31330-24	4	0.30	6.8	150	660	45	200	4.0	10.2	2.7	6.8
370-647-FDDI2.0-06	006K61-31330-24	6	0.30	8.3	150	660	45	200	4.9	12.5	3.1	8.3

## Fan-out Plenum Cables

### CORNING CABLE SYSTEMS

Corning Cable Systems OFNP Fan-out Cables are flexible multi-fiber cables that use individually jacketed, 900  $\mu\text{m}$  TBII Buffered Fibers stranded around a dielectric central member with a flame-retardant outer jacket. Ideal for use in plenum and riser spaces within buildings, for building backbone and for horizontal cabling; particularly ideal for applications requiring direct connection to terminal equipment or requiring extra rugged cables.



#### FEATURES

- Uses 900  $\mu\text{m}$  TBII Buffered Fiber enabling easy, consistent stripping
- Available in 62.5  $\mu\text{m}$ , 50  $\mu\text{m}$ , single-mode and hybrid versions
- All-dielectric cable construction requires no grounding or bonding
- Meets application requirements of the National Electrical Code (NEC Article 770)
- Listed OFNP and FT6
- Available with Gigabit Ethernet and 10 Gigabit Ethernet performance
- Available with 1.6 mm and 2.9 mm heavy-duty subunits

#### Technical Information & Standards

62.5/125  $\mu\text{m}$  fiber  
 Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm)  
 Minimum LED: 200/500 MHz • km (850/1300 nm)  
 Effective modal bandwidth: 220 MHz • km (850 nm)  
 Serial Gigabit Ethernet distance: 300/550 m (850/1300 nm)

#### 2.0 MM SUBUNITS

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-648-FDDI2.0-02	002K68-31330-29	2	0.20	5.8	100	440	30	132	3.5	8.7	2.3	5.8
370-648-FDDI2.0-04	004K68-31330-29	4	0.20	6.8	100	440	30	132	4.0	10.2	2.7	6.8
370-648-FDDI2.0-06	006K68-31330-29	6	0.30	8.3	100	440	30	132	4.9	12.5	3.3	8.3

## Ribbon Riser and Plenum Cables

CORNING CABLE SYSTEMS



Ribbon riser cables are used in intrabuilding backbones in riser and general purpose installations. In addition, they are used for environments which require plenum installations. Corning Cable Systems Ribbon Riser and Ribbon Plenum cables consist of 12 to 216 fibers organized into easily identifiable, 12-fiber ribbons inside a central tube. Helicallly-stranded fiberglass rovings provide tensile strength.

A specially formulated flame-retardant outer jacket allows the design to meet the requirements of the NFPA 262 flame test for ribbon plenum cables and the requirements of the UL 1666 flame test for ribbon riser cables.

### FEATURES

- Available from 12 to 216 fibers
- Listed OFNR/FT4 for riser applications and listed OFNP/FT6 for plenum applications
- Available preconnectorized for easy field installation and reduced labor costs
- Easily accessible individual fibers
- Precise fiber and ribbon geometries result in excellent mass-splicing yields
- 12-fiber ribbons with readily identifiable ribbon ID numbers and fiber colors
- Compatible with standard ribbon cable procedures and hardware
- Available with Gigabit Ethernet and 10 Gigabit Ethernet performance

For more information contact your local sales office.

## Ribbon Riser Interconnect Cables

CORNING CABLE SYSTEMS



Corning Cable Systems Ribbon Riser Interconnect Cables offer a perfect complement to multi-fiber connector strategies. Available with 4, 8 or 12 fibers, these cables make compact, rugged patch cables.

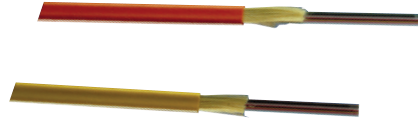
### FEATURES

- Ribbon interconnect cable available with 4-, 8- and 12-fiber ribbons
- Dielectric strength members within a flexible, flame-retardant jacket
- Meets the application requirements of the National Electrical Code (NEC Article 770)
- Listed OFNR/FT4
- RoHS compliant
- Uses optical fiber for unsurpassed geometries
- Availability with approval for TEMPEST applications

For more information contact your local sales office.

## Ribbon Plenum Interconnect Cables

CORNING CABLE SYSTEMS



Corning Cable Systems Ribbon Plenum Interconnect Cables offer a perfect complement to multi-fiber connector strategies. Available with 4, 8 or 12 fibers, these cables make compact, rugged patch cables.

### FEATURES

- Ribbon interconnect cable available with 4-, 8- and 12-fiber ribbons
- Dielectric strength members within a flexible, flame-retardant jacket
- Meets the application requirements of the National Electrical Code (NEC Article 770)
- Listed OFNP/FT6

For more information contact your local sales office.

# Indoor Cables

## Single-fiber Riser Cables

### CORNING CABLE SYSTEMS

Corning Cable Systems single-fiber riser cable uses a 900  $\mu\text{m}$  TBII Buffered Fiber surrounded by aramid yarn-strength members and an improved flexible, flame-retardant jacket. These cables meet the application requirements of the National Electrical Code (NEC Article 770) and are listed as Type OFNR.



#### FEATURES

- Flame-retardant outer jacket
- Dielectric strength members
- TBII Buffered Fiber for easy coating removal
- Buffering diameter: 900  $\mu\text{m}$
- Approvals, listings and standards: NEC OFNR, CSA FT4, ICEA S-83-596
- Flame resistance: UL 1666 (for riser and general purpose building applications)

#### 62.5/125 MULTIMODE

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); minimum LED: 200/500 MHz•km (850/1300 nm); effective modal bandwidth: 220 MHz•km (850 nm); serial Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-147-62SJ-1	001K31-31141-24	1	0.11	2.9	50	220	15	66	2.0	5.0	0.55	1.5
370-047-6125-01	001K31-31341-24	1	0.08	2.0	50	220	15	66	2.0	5.0	0.40	1.0

#### 8.3/125 SINGLE-MODE

Maximum attenuation: 0.65/0.65/0.5 dB/km (1310/1383/1550 nm); serial Gigabit Ethernet distance: 5,000 m (1310 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-147-SMODE-1	001E31-31131-24	1	0.11	2.9	50	220	15	66	2.0	5.0	1.0	2.5
370-047-8125-01	001E31-31331-24	1	0.08	2.0	50	220	15	66	2.0	5.0	1.0	2.5

## Single-fiber Plenum Cables

### CORNING CABLE SYSTEMS

Corning Cable Systems single-fiber plenum cable uses a 900  $\mu\text{m}$  TBII Buffered Fiber surrounded by aramid yarn-strength members and an improved flexible, flame-retardant jacket. These cables meet the application requirements of the National Electrical Code (NEC Article 770) and are listed as Type OFNP. They are ideal for interconnect applications within plenum areas.



#### FEATURES

- Flame-retardant outer jacket
- Dielectric strength members
- TBII Buffered Fiber for easy coating removal
- Buffering diameter: 900  $\mu\text{m}$
- Approvals, listings and standards: NEC OFNP, CSA FT6, ICEA S-83-596
- Flame resistance: NFPA 262 (for plenum, riser and general purpose building applications)

#### 62.5/125 MULTIMODE

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); minimum LED: 200/500 MHz•km (850/1300 nm); effective modal bandwidth: 220 MHz•km (850 nm); serial Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-148-62SJ-1	001K38-31141-29	1	0.11	2.9	50	220	15	66	2.0	5.0	0.55	1.5

NOTE: Also available in single-mode.



## 2-fiber Zipcord Riser Cables

### CORNING CABLE SYSTEMS

Corning Cable Systems Zipcord Cable utilizes two 900 μm TBII Buffered Fibers surrounded by aramid yarn-strength members with a flame-retardant jacket. This cable meets the application requirements of the National Electrical Code (NEC Article 770) and is listed as Type OFNR and CSA FT4. Zipcord cable is ideal for interconnect applications and is available with approval for TEMPEST applications.



### FEATURES

- Flame-retardant outer jacket
- Dielectric strength members
- TBII Buffered Fiber for easy coating removal
- Buffering diameter: 900 μm
- Approvals and listings: NEC OFNR, CSA FT4, ICEA S-83-596
- Flame resistance: UL 1666 (for riser and general building applications)
- Has strength members
- Not compatible with MT-RJ connectors

### 62.5/125 MULTIMODE

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); minimum LED: 200/500 MHz•km (850/1300 nm); effective modal bandwidth: 220 MHz•km (850 nm); serial Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation (lb.)	N	Long Term (lb.)	N	Installation (in.)	(cm)	Long Term (in.)	(cm)
<b>370-147-62SJ-2</b>	002K51-31141-24	2	0.11 x 0.22	2.8 x 5.6	50	220	15	66	2.0	5.0	0.55	1.4

### STANDARD 50/125 MULTIMODE

Maximum attenuation: 2.8/1.0 dB/km (850/1300 nm); minimum LED: 700/500 MHz•km (850/1300 nm); effective modal bandwidth: 950 MHz•km (850 nm); serial Gigabit Ethernet distance: 750/600 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation (lb.)	N	Long Term (lb.)	N	Installation (in.)	(cm)	Long Term (in.)	(cm)
<b>371-COROM2-ZIP2.8-02</b>	002T51-31131-24	2	0.11 x 0.22	2.8 x 5.6	50	220	15	66	2.0	5.0	0.55	1.4

### 8.3/125 SINGLE-MODE

Maximum attenuation: 0.65/0.65/0.5 dB/km (1310/1383/1550 nm); serial Gigabit Ethernet distance: 5,000 m (1310 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation (lb.)	N	Long Term (lb.)	N	Installation (in.)	(cm)	Long Term (in.)	(cm)
<b>370-147-SMODE-2</b>	002E51-31131-24	2	0.11 x 0.22	2.8 x 5.6	50	220	15	66	2.0	5.0	1.0	2.5

## Application Notes

### Fiber Jumper Cordage

Zipcord duplex, dual-subunit duplex and simplex jumper cordage require no breakout kit for connectorization. Jacket O.D on the individual units is 1.6 to 3.0 mm. Round duplex jumper cordage typically used for duplex connector cable assemblies (i.e., FDDI, MT-RJ) requires a breakout kit only if the other end of the cable assembly is to be connectorized with simplex connectors (ST, FC, etc.). No breakout kit is used if round duplex cordage is to be connectorized at both ends with a duplex connector. Note: One side of zipcord is printed the entire length to identify fiber #1 from #2.

# Indoor Cables

## 2-fiber Zipcord Plenum Cables

### CORNING CABLE SYSTEMS

Corning Cable Systems Zipcord Cable utilizes two 900  $\mu\text{m}$  TBII Buffered Fibers surrounded by aramid yarn-strength members with a flexible, flame-retardant jacket. This cable meets the application requirements of the National Electrical Code (NEC Article 770) and is listed as Type OFNP and CSA FT6. Zipcord cable is ideal for interconnect applications within plenum areas.



### FEATURES

- Flame-retardant outer jacket
- Dielectric strength members
- TBII Buffered Fiber for easy coating removal
- Buffering diameter: 900  $\mu\text{m}$
- Approvals and listings: NEC OFNP, CSA FT6, ICEA S-83-596
- Flame resistance: NFPA 262 (for plenum, riser and general building applications)

### 62.5/125 MULTIMODE

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); minimum LED: 200/500 MHz•km (850/1300 nm); effective modal bandwidth: 220 MHz•km (850 nm); serial Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation		Long Term		Installation		Long Term	
<b>370-148-62SJ-2</b>	002K58-31141-24	2	0.11 x 0.22	2.8 x 5.6	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
					50	220	15	66	2.0	5.0	0.55	1.4

### STANDARD 50/125 MULTIMODE

Maximum attenuation: 2.8/1.0 dB/km (850/1300 nm); minimum LED: 700/500 MHz•km (850/1300 nm); effective modal bandwidth: 950 MHz•km (850 nm); serial Gigabit Ethernet distance: 750/600 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation		Long Term		Installation		Long Term	
<b>370-COROM2-ZIP2.0-02</b>	002T58-31331-24	2	0.07 x 0.14	2.0 x 4.0	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
					50	220	15	66	2.0	5.0	0.40	1.0

### LASER-OPTIMIZED 50/125 MULTIMODE (PRETIUM 300)

Maximum attenuation: 2.8/1.0 dB/km (850/1300 nm); minimum LED bandwidth: 1,500/500 MHz•km (850/1300 nm); effective modal bandwidth: 2,000 MHz•km (850 nm); serial Gigabit Ethernet distance guarantee: 1,000/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance guarantee: 300 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation		Long Term		Installation		Long Term	
<b>370-COROM3-ZIP2.0-02</b>	002T58-31380-24	2	0.07 x 0.14	2.0 x 4.0	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
					50	220	15	66	2.0	5.0	0.40	1.0

### 8.3/125 SINGLE-MODE

Maximum attenuation: 0.65/0.65/0.5 dB/km (1310/1383/1550 nm); serial Gigabit Ethernet distance: 5,000 m (1310 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation		Long Term		Installation		Long Term	
<b>370-148-SMODE-2</b>	002E58-31131-24	2	0.11 x 0.22	2.8 x 5.6	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
					50	220	15	66	2.0	5.0	1.0	2.5

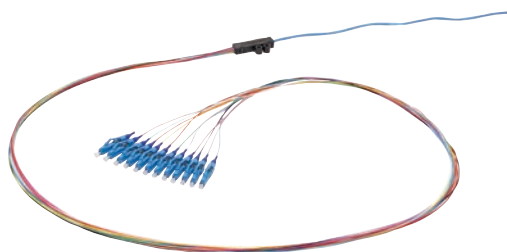
## Application Notes

### Selecting Fiber Buffer Tube Fan-out Kits

Buffer Tube Fan-out (BTF) kits offer a cost-effective breakout method for the direct connectorization of the 250  $\mu\text{m}$  fibers found in loose-tube fiber optic cables. The kit consists of the BTF body for 2.4 to 3.0 mm-diameter loose tubes and 6- or 12-fiber, 900  $\mu\text{m}$ , color-coded, fan-out tube assemblies 25 or 47 inches long. The BTF body clips directly to the loose-buffer tube containing the outdoor fiber. The number of fan-out kits required is determined by the fiber count of the cable to be installed. Loose-tube designs generally use 12 fibers per tube. Check with the cable manufacturer for specifics.

## Buffer Tube Fan-out Kits

CORNING CABLE SYSTEMS



Corning Cable Systems Indoor and Outdoor Buffer Tube Fan-out Kits are specifically designed for the termination of 6- and 12-fiber buffer tubes. These buffer tube fan-out kits provide the ultimate solution for those users who want to field-install connectors. The kits provide the most compact, easy-to-install fan-out solution requiring no additional hardware or space than that for terminating tight-buffered cables. Indoor and outdoor kits feature a 900  $\mu\text{m}$  fan-out assembly that is color-coded to match the fiber color scheme. The fan-out assembly is available with 6- or 12-fiber units in lengths of 25 or 47 inches. These different lengths provide the installer the flexibility needed for a variety of hardware options.

### FEATURES

- Eliminates strain on fibers by isolating them from tensile forces
- Colored fan-out tubing
- Snap-together furcation unit eliminates epoxy for indoor kits
- Compact design
- Quick and easy to install
- Optimized for field termination of cables
- Excellent fiber-routing capabilities
- Bend radius protection designed into each unit
- Outdoor kits include additional elements that compensate for wider temperature fluctuations common in outdoor environments
- Indoor temperature range 0° to +70°C
- Outdoor temperature range -40° to +70°C

### APPLICATIONS

Field termination of loose tube cables at indoor or outdoor cross-connects

### INDOOR BUFFER TUBE FAN-OUT KITS

Anixter No.	Vendor No.	Description
152285	FAN-BT25-06	25 in. long, six fibers per tube
152287	FAN-BT47-06	47 in. long, six fibers per tube
152286	FAN-BT25-12	25 in. long, 12 fibers per tube
152288	FAN-BT47-12	47 in. long, 12 fibers per tube

### OUTDOOR BUFFER TUBE FAN-OUT KITS

Anixter No.	Vendor No.	Description
179221	FAN-OD25-06	25 in. long, six fibers per tube
267519	FAN-OD47-06	47 in. long, six fibers per tube
222421	FAN-OD25-12	25 in. long, 12 fibers per tube
265900	FAN-OD47-12	47 in. long, 12 fibers per tube

### ADHESIVE AND TOOL KIT

Anixter No.	Vendor No.	Description
152431	2104060-01	LOCTITE 411 adhesive for 10 "FAN-BT" fan-out kits
158557	TKT-FANBT-A	Buffer tube fan-out assembly tool kit includes buffer tube fan-out assembly fixture and buffer tube fan-out kit instructions

### CABLE CLEANER

Anixter No.	Vendor No.	Description
196997	FC-45-1	45 towelettes (6 in. x 7.75 in.) in a "pop-up" canister (6.75 in. H x 4.0 in. W)

To order a Buffer Tube Fan-out Kit, first determine the length of tubing required for connector termination, either 25 in. or 47 in. Note: 47 in. is only recommended if installing into FDC Connector Modules; 25 in. is recommended for Connector Panels and wall-mount hardware. Next, determine the number of fibers per buffer tube. Use one kit per tube per cable end.

## Ribbon Fan-out Kits

CORNING CABLE SYSTEMS



Corning Cable Systems Ribbon Fan-out Kits are specifically designed for the termination of 12-fiber bare or jacketed ribbons. These fan-out kits provide the ultimate solution for those users who want to field-install connectors. The kits provide the most compact, easy-to-install fan-out solution requiring no additional hardware or space than that for terminating tight-buffered cables.

The Ribbon Fan-out Kit features a 900  $\mu\text{m}$  fan-out assembly that is color-coded to match the fiber color scheme.

Continued on next page >>

# Fan-out Kits

(continued) Ribbon Fan-out Kits

**FEATURES**

- Colored fan-out tubing for indoor use
- Snap-together furcation unit eliminates epoxy
- Compact design
- Quick and easy to install
- Optimized for field termination of cables
- Excellent fiber-routing capabilities
- Bend radius protection designed into each unit

**APPLICATIONS**

Field termination of ribbon cables at indoor cross-connects

Anixter No.	Vendor No.	Description
203693	RIB-FAN-12	25 in., 12-fiber Ribbon Fan-out Kit
312978	RIB-FAN-12-36	36 in., 12-fiber Ribbon Fan-out Kit

**Spider Fan-out Kits**

**CORNING CABLE SYSTEMS**

Corning Cable Systems Spider Fan-out Kit is a low-cost termination option for multi-fiber cables. These kits are designed for both factory and field termination of tight-buffered and loose-tube nonarmored cables with four to 24 fibers. These kits provide the end-user with a craft-friendly, modular product that enables simple step-by-step assembly for successful installation. Installation of the kits eliminates the need for patch panels at low-cost termination points. The Spider Fan-out Kit terminates and provides pull-out protection for bare fibers (900 μm or 250 μm). Installation of the product is simple. The cable jacket is stripped back and the fibers are threaded into the modular 6-fiber fan-out inserts. These inserts consist of six 1-meter lengths of fan-out tubing secured in a composite assembly. The fan-out tubing provides three layers of protection consisting of a PTFE inner tube (into which the fiber is inserted), an aramid yarn-strength member, and an outer protective PVC jacket. The fan-out insert then snaps into the main spider body. When all the inserts have been loaded, the outer housing is installed to complete the assembly.

**FEATURES**

- Low cost
- Craft-friendly
- Modular, compact design
- No special tools or heat shrinks
- Field or factory termination
- Cost effective for splicing and terminating hardware
- Nonmetallic/high-strength, rugged, composite material

**APPLICATIONS**

Field termination of tight-buffered or loose-tube cables when patch panels are not used

To manufacture field or factory multi-fiber jumpers or patch cords

**LOOSE-TUBE MULTIMODE (ORANGE)**

Anixter No.	Vendor No.	Fiber Count	Cable O.D. (in.)		Cable O.D. (mm)	
			Min.	Max.	Min.	Max.
143689	SFK-P-06-250-M	2-6	0.34	0.62	8.6	15.7
143690	SFK-P-12-250-M	8-12	0.34	0.62	8.6	15.7
143715	SFK-P-18-250-M	14-18	0.34	0.62	8.6	15.7
143691	SFK-P-24-250-M	20-24	0.34	0.62	8.6	15.7

**TIGHT-BUFFER MULTIMODE (ORANGE)**

Anixter No.	Vendor No.	Fiber Count	Cable O.D. (in.)		Cable O.D. (mm)	
			Min.	Max.	Min.	Max.
143693	SFK-P-06-900-M	2-6	0.18	0.28	4.6	7.1
143692	SFK-P-12-900-M	8-12	0.18	0.28	4.6	7.1
143717	SFK-P-24-900-M	14-24	0.26	0.43	6.6	10.9

**LOOSE-TUBE SINGLE-MODE (YELLOW)**

Anixter No.	Vendor No.	Fiber Count	Cable O.D. (in.)		Cable O.D. (mm)	
			Min.	Max.	Min.	Max.
165902	SFK-P-06-250-S	2-6	0.34	0.62	8.6	15.7
165905	SFK-P-12-250-S	8-12	0.34	0.62	8.6	15.7
165906	SFK-P-24-250-S	14-24	0.34	0.62	8.6	15.7

**TIGHT-BUFFER SINGLE-MODE (YELLOW)**

Anixter No.	Vendor No.	Fiber Count	Cable O.D. (in.)		Cable O.D. (mm)	
			Min.	Max.	Min.	Max.
187758	SFK-P-24-900-S	2-24	0.26	0.43	6.6	10.9

**CABLE CLEANER**

Anixter No.	Vendor No.	Description
196997	FC-45-1	45 towelettes (6 in. x 7.75 in.) in a "pop-up" canister (6.75 in. H x 4.0 in. W)

**Ribbon Cable Spider Fan-out Kit**

**CORNING CABLE SYSTEMS**

Corning Cable Systems Ribbon Cable Spider Fan-out Kit is a low-cost termination option for ribbon cables. These kits are designed for both factory and field termination of single-tube, non-armored ribbon cables with 24 to 96 fibers. These kits provide the end-user with a craft-friendly, modular product that enables simple step-by-step assembly for successful installation. Installation of the kits eliminates the need for patch panels at low-cost termination points. The Ribbon Cable Spider Fan-out Kit terminates and provides pull-out protection for bare ribbons. Installation of the product is simple. The cable jacket is stripped back and the ribbons are threaded into the modular 12-fiber ribbon inserts. These inserts consist of two 1-meter lengths of rectangular fan-out tubing secured in a composite assembly. The rectangular fan-out tubing provides three layers of protection consisting of an inner tube (into which the fiber is inserted), an aramid yarn-strength member and an outer protective PVC jacket. The ribbon fan-out insert then snaps into the main spider body. When all the inserts have been loaded, the outer housing is installed to complete the assembly.

**FEATURES**

- Protects ribbons
- Fan-out tubing length of 1.0 meter provides flexible installation
- Modular, compact design
- No special tools or heat shrinks
- Field or factory termination
- Cost effective for splicing and terminating hardware
- Nonmetallic/high-strength, rugged, composite material

Anixter No.	Vendor No.	Description
374690	SFK-P-48-RIB-A	48-fiber, aqua
374691	SFK-P-72-RIB-A	72-fiber, aqua

For additional configurations, contact your local sales representative.

## Tech Tips

### UniCam Connector Organizer Packs



Organizer packs are packs of 25 unassembled UniCam Connectors that include the connector assembly and 900 micron boot only. If you need to install the UniCam connectors on 3 mm, 2 mm or 1.6 mm cables then you must order the single packs.

Add a "Z" to the end of any UniCam part number and get an organizer pack of 25 connectors to install on 900 micron fiber.

### UniCam Pretium-Performance Multimode Connectors LC, SC, ST Compatible

CORNING CABLE SYSTEMS



With UniCam Pretium-performance Multimode Connectors, best-in-class optical performance is available in a fast, easy field-termination solution. These patented, high-precision, ceramic ferrule, multimode connectors guarantee a 0.1 dB-typical/0.5 dB-maximum insertion loss per connector pair for exceptional network performance. And with the UniCam Pretium Tool Kit, an LC, SC or ST Compatible connector can easily be installed in about 45 seconds. The lightweight, handheld installation tool and the high-performance cleaver virtually eliminate human variability from installation, ensuring terminations are performed right, the first time, every time. From the cleaver, with its integrated fiber scrap bin and dual-clamp precision hold, to the installation tool, with its immediate go/no-go feedback signal, the UniCam Pretium Tool Kit was thoughtfully designed with the needs of network installers in mind. Installation is as easy as strip, clean, cleave, cam and crimp, with exceptional optical performance guaranteed. Every UniCam Connector is 100 percent guaranteed to meet the published specification at the time of installation, or Corning Cable Systems will replace it.

#### FEATURES

- Typical insertion loss of 0.1 dB and maximum insertion loss of 0.5 dB for best-in-class optical performance
- Broad operating temperature range (-40° to +75°C) for true utility and flexibility
- The UniCam Pretium Tool Kit virtually eliminates human variability in installation, ensuring consistent, reliable results

- Pretium performance can be achieved with the UniCam Pretium Tool Kit or the standard UniCam Connector Tool Kit
- Available in single packs for installation on 3 mm, 2 mm, 1.6 mm and 900 micron cable
- UniCam Connector organizer packs are available for installation on 900 micron only. Organizer pack includes connector assembly and 900 micron boot only
- Fast-termination, high-installation yields and no consumables means lowest installed cost
- Factory-polished end-face for consistent optical performance and factory quality
- 100 percent factory tested for insertion loss
- 100 percent guaranteed (UniCam Connectors are guaranteed to meet the published specifications at the time of installation)
- Direct, 250  $\mu$ m termination SC and LC connectors available
- Reliable, proven technology, with more than 40 million sold

#### APPLICATIONS

Main cross-connect, intermediate cross-connect, horizontal cross-connect  
Ideal for fiber-to-the-workstation applications where installation setup and teardown times are critical

Anywhere low-loss connectivity is critical  
Data centers

#### LC CONNECTORS

UniCam Pretium-performance LC Connectors with ceramic ferrule and logo. Organizer packs are packs of 25 unassembled UniCam Connectors separated into components.

Anixter No.	Vendor No.	Description
<b>338911</b>	95-050-99-X	50 $\mu$ m LOMMF, ceramic ferrule, single pack
<b>348025</b>	95-050-99-X-Z	50 $\mu$ m LOMMF, ceramic ferrule, organizer pack, 25/pk, connector assembly and 900 micron boot only
<b>338910</b>	95-050-99	50 $\mu$ m, ceramic ferrule, single pack
<b>348026</b>	95-050-99-Z	50 $\mu$ m, ceramic ferrule, organizer pack, 25/pk, connector assembly and 900 micron boot only
<b>338909</b>	95-000-99	62.5 $\mu$ m, ceramic ferrule, single pack
<b>348027</b>	95-000-99-Z	62.5 $\mu$ m, ceramic ferrule, organizer pack, 25/pk, connector assembly and 900 micron boot only

#### SC CONNECTORS

UniCam Pretium-performance SC Connectors with ceramic ferrule and logo. Organizer packs are packs of 25 unassembled UniCam Connectors separated into components.

Anixter No.	Vendor No.	Description
<b>338903</b>	95-050-41-X	50 $\mu$ m LOMMF, ceramic ferrule, single pack
<b>347923</b>	95-050-41-X-Z	50 $\mu$ m LOMMF, ceramic ferrule, organizer pack, 25/pk, connector assembly and 900 micron boot only
<b>338904</b>	95-050-41	50 $\mu$ m, ceramic ferrule, single pack
<b>347920</b>	95-050-41-Z	50 $\mu$ m, ceramic ferrule, organizer pack, 25/pk, connector assembly and 900 micron boot only
<b>338894</b>	95-000-41	62.5 $\mu$ m, ceramic ferrule, single pack
<b>347919</b>	95-000-41-Z	62.5 $\mu$ m, ceramic ferrule, organizer pack, 25/pk, connector assembly and 900 micron boot only

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## Corning Cable Systems

## Connectors

(continued) UniCam Pretium-Performance Multimode Connectors  
LC, SC, ST Compatible

## ST COMPATIBLE CONNECTORS

UniCam Pretium-performance ST Compatible Connectors with ceramic ferrule and logo. Organizer packs are packs of 25 unassembled UniCam Connectors separated into components.

Anixter No.	Vendor No.	Description
338912	95-050-51-X	50 $\mu$ m LOMMF, ceramic ferrule, single pack
347924	95-050-51-X-Z	50 $\mu$ m LOMMF, ceramic ferrule, organizer pack, 25/pk, connector assembly and 900 micron boot only
338901	95-050-51	50 $\mu$ m, ceramic ferrule, single pack
347925	95-050-51-Z	50 $\mu$ m, ceramic ferrule, organizer pack, 25/pk, connector assembly and 900 micron boot only
338897	95-000-51	62.5 $\mu$ m, ceramic ferrule, single pack
347926	95-000-51-Z	62.5 $\mu$ m, ceramic ferrule, organizer pack, 25/pk, connector assembly and 900 micron boot only

## UNICAM INSTALLATION TOOL KIT

Anixter No.	Vendor No.	Description
347845	TKT-UNICAM-PFC	UniCam Pretium Tool Kit

UniCam High-performance Single-mode Connectors  
LC, SC, ST Compatible

## CORNING CABLE SYSTEMS

With UniCam high-performance single-mode connectors, best-in-class optical performance is available in a fast, easy, field-termination solution for single-mode fibers. These patented, high-precision, ceramic ferrule LC, SC and ST Compatible single-mode connectors offer Pretium performance capability - an outstanding 0.2 dB typical/0.5 dB maximum insertion loss per connector pair when installed with the UniCam Pretium Tool Kit. This lightweight, handheld installation tool and the high-performance cleaver virtually eliminate human variability from installation, for terminations that are performed right, the first time, every time. The result: the superior optical performance that you require for your most demanding single-mode applications.

While UniCam high-performance single-mode connectors are compatible with the standard UniCam Connectors Tool Kit, the true high-performance capability of these connectors can only be guaranteed with the UniCam Pretium Tool Kit.

The UniCam Pretium Tool Kit can quickly install a UniCam Connector in about 45 seconds. From the cleaver, with its integrated fiber scrap bin and dual-clamp precision hold, to the installation tool with its immediate go/no-go feedback signal, the UniCam Pretium Tool Kit was thoughtfully designed with the needs of network installers in mind.

Installation is as easy as strip, clean, cleave, cam and crimp - with exceptional optical performance guaranteed. Every UniCam Connector is 100 percent guaranteed to meet the published specification at the time of installation, or Corning Cable Systems will replace it.

## SPECIFICATIONS

1. Typical insertion loss: 0.2 dB
2. Maximum insertion loss: 0.5 dB
3. Reflectance (dB): PC -55

## FEATURES

- Typical insertion loss of 0.2 dB and maximum insertion loss of 0.5 dB for best-in-class optical performance, when installed using the UniCam Pretium Tool Kit
- Broad operating temperature range (-40° to +75°C) for true utility and flexibility, when installed using the UniCam Pretium Tool Kit
- The UniCam Pretium Tool Kit virtually eliminates human variability in installation, ensuring consistent, reliable results
- Available in single packs for installation on 3 mm, 2 mm, 1.6 mm and 900 micron cable
- The UniCam Connector organizer packs for installation on 900 micron only. Organizer pack includes connector assembly and 900 micron boot only
- Fast-termination, high-installation yields and no consumables mean lowest installed cost
- Factory-polished end-face for consistent optical performance and factory quality
- 100 percent factory tested for insertion loss
- 100 percent guaranteed (UniCam Connectors are guaranteed to meet the published specification at the time of installation)

## APPLICATIONS

Local area networks, including main cross-connect, intermediate cross-connect, horizontal cross-connect

Ideal for fiber-to-the-workstation applications where installation setup and tear-down times are critical

Anywhere low-loss connectivity is critical

Data centers

## LC CONNECTORS

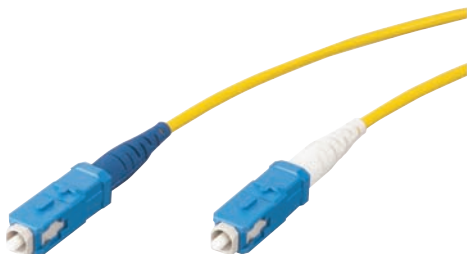


Organizer packs are packs of 25 unassembled UniCam Connectors separated into components.

Anixter No.	Vendor No.	Description
338908	95-200-99	Single-mode, ceramic ferrule, single pack
347927	95-200-99-Z	Single-mode, ceramic ferrule, organizer pack, connector assembly and 900 micron boot only

# Connectors

## SC CONNECTORS



Anixter No.	Vendor No.	Description
338895	95-200-41	Single-mode, ceramic ferrule, single pack
347928	95-200-41-Z	Single-mode, ceramic ferrule, organizer pack, connector assembly and 900 micron boot only
360136	95-200-44	APC polish, ceramic ferrule, single pack
374610	95-200-44-Z	APC polish, ceramic ferrule, organizer pack, connector assembly and 900 micron boot only

## ST COMPATIBLE CONNECTORS

Anixter No.	Vendor No.	Description
338899	95-200-51	Single-mode, ceramic ferrule, single pack
347930	95-200-51-Z	Single-mode, ceramic ferrule, organizer pack, connector assembly and 900 micron boot only

## UNICAM CONNECTOR INSTALLATION TOOL KIT

Anixter No.	Vendor No.	Description
347845	TKT-UNICAM-PFC	UniCam Pretium Tool Kit

## Standard UniCam Multimode Composite Ferrule Connectors (SC and ST Compatible)

### CORNING CABLE SYSTEMS

With proven UniCam Connector technology, fiber terminations are easy. The Corning Cable Systems-patented, high-precision, mechanical splice technology enables fiber optic networks to be installed quickly and cost effectively. The patented Corning Cable Systems Continuity Test Set (CTS) allows the installer to verify that the installation is performed right, the first time, every time. Insert the fiber, rotate the cam and watch the light change, giving you confidence in every connector installed. Installation is as easy as strip, clean, cleave, cam and crimp.

### FEATURES

- Fast-termination, high-installation yields and no consumables means lowest installed cost
- Continuity Test Set gives immediate go/no-go feedback of successful termination
- Available in single packs for installation on 3 mm, 2 mm, 1.6 mm and 900 micron cables
- Standard UniCam Connector organizer packs for installation on 900 micron only. Organizer pack includes connector assembly and 900 micron boot only
- Quick installation: less than one minute per connector
- No epoxy, no polish
- No need for electrical power for ovens or lights
- Factory-polished end-face for consistent optical performance and factory quality
- 100 percent factory tested for insertion loss

- 100 percent guaranteed (Standard UniCam Connectors are guaranteed to meet the published specification at the time of installation)
- Reliable, proven technology with more than 40 million units sold

### APPLICATIONS

Local area networks, including main cross-connect, intermediate cross-connect, horizontal cross-connect

Maintenance and restoration of building cable

Ideal for fiber-to-the-workstation applications where installation setup and teardown times are critical

### SC CONNECTORS



Organizer packs are packs of 25 unassembled Standard UniCam Connectors separated into components.

Anixter No.	Vendor No.	Description
338896	95-000-40	62.5 $\mu$ m, composite ferrule, single pack
348177	95-000-40-Z	62.5 $\mu$ m, composite ferrule, organizer pack, connector assembly and 900 micron boot only
338905	95-050-40	50 $\mu$ m, composite ferrule, single pack
348182	95-050-40-Z	50 $\mu$ m, composite ferrule, organizer pack, connector assembly and 900 micron boot only

### ST COMPATIBLE CONNECTORS



Organizer packs are packs of 25 unassembled Standard UniCam Connectors separated into components.

Anixter No.	Vendor No.	Description
338898	95-000-50	62.5 $\mu$ m, composite ferrule, single pack
347921	95-000-50-Z	62.5 $\mu$ m, composite ferrule, organizer pack, connector assembly and 900 micron boot only
338906	95-050-50	50 $\mu$ m, composite ferrule, single pack
347922	95-050-50-Z	50 $\mu$ m, composite ferrule, organizer pack, connector assembly and 900 micron boot only

### UNICAM CONNECTOR INSTALLATION TOOL KITS

Anixter No.	Vendor No.	Description
347845	TKT-UNICAM-PFC	UniCam Pretium Tool Kit
170006	TKT-UNICAM	Standard UniCam connector installation kit

## Corning Cable Systems

## Connectors

## UniCam MTP Connectors

CORNING CABLE SYSTEMS



The Corning Cable Systems UniCam MTP Connector is the latest innovation in the proven UniCam Connector family. It is the first no-epoxy/no-polish, field-installable 12-fiber connector in the industry. It is the ideal solution for applications using 12-fiber ribbons. The UniCam MTP Connector utilizes the same reliable, proven, no-epoxy/no-polish technology as all other Corning Cable Systems UniCam Connectors. Unlike other field-installable connectors, the UniCam MTP Connector requires no polishing. The UniCam MTP Connector installs with the same push-pull reliability as the familiar SC connector.

## SPECIFICATIONS

1. Insertion loss 0.5 dB average, 1.0 dB maximum
2. Reflectance -20 dB for MM, -65 dB for SM
3. Temperature cycling 0.3 dB change, -40° to +75°C; 21 cycles
4. Interconnect compatibility TIA/EIA-604-5 (FOCIS)

## FEATURES

- High-density termination replaces 12 single-fiber connectors
- Keyed for proper insertion
- Meets TIA/EIA-604-5 (FOCIS)
- Color-coded, single-mode housings; 50  $\mu\text{m}$  and 62.5  $\mu\text{m}$ , multimode housings. All adapters are black
- Push-pull operation
- Alignment achieved with precision guide pins
- Terminates jacketed or bare 12-fiber ribbons in less than five minutes
- IEEE-802.3, Fibre Channel
- RoHS compliant product available

## APPLICATIONS

Direct termination of ribbon cables  
 Repair of Plug & Play Universal Systems Solutions trunk cables  
 Parallel optical interconnects between servers

## UNICAM MTP CONNECTORS

Anixter No.	Vendor No.	Description
327595	93-001-69	MM for 62.5 $\mu\text{m}$ fiber, beige housing and black boot, no pins
327598	93-001-70	MM for 62.5 $\mu\text{m}$ fiber, beige housing and black boot, with pins
251474	93-051-69	MM for 50 $\mu\text{m}$ fiber, black housing and black boot, no pins
327597	93-051-69-X	MM for laser-optimized 50 $\mu\text{m}$ fiber, black housing and aqua boot, no pins
327599	93-051-70	MM for 50 $\mu\text{m}$ fiber, black housing and black boot, with pins

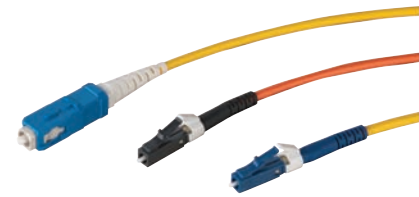
Anixter No.	Vendor No.	Description
327600	93-051-70-X	MM for laser-optimized 50 $\mu\text{m}$ fiber, black housing and aqua boot, with pins
327601	93-201-69	SM fiber, green housing and green boot, no pins
327602	93-201-70	SM fiber, green housing and green boot, with pins

## UNICAM MTP CONNECTOR INSTALLATION TOOL KIT

Anixter No.	Vendor No.	Description
305588	TKT-UNICAM-MTP	UniCam MTP Connector Installation Tool Kit

## Anaerobic-cure Connectors

CORNING CABLE SYSTEMS



Corning Cable Systems Anaerobic-cure single-mode and multimode connectors combine the quick-cure convenience of anaerobic adhesive with the performance of epoxy and polish connectors. Connectors are installed in minutes, yet provide unparalleled performance for years.

The anaerobic adhesive uses a two-part epoxy process. The adhesive is first injected into the connector ferrule. The fiber is dipped into the primer and inserted into the connector. Curing takes one minute without the use of lamps or ovens.

## FEATURES

- Fast cure time without lamps or ovens
- Installs without index-matching gel
- Minimal tools required
- Hand polish; doesn't require polishing machine
- Doesn't require electrical power to install
- Low material cost
- Average insertion loss of 0.2 dB with physical contact polish
- RoHS compliant product available

## APPLICATIONS

Installations requiring field-installed connectors  
 Fiber-to-the-desk or fiber-to-the-machine  
 Enterprise networks

## MULTIMODE CONNECTORS

Anixter No.	Vendor No.	Description
282071	95-051-41-SP	SC, 50 $\mu\text{m}$ , ceramic ferrule; single pack, black boots
383135	95-051-41-SP-X	SC, 50 $\mu\text{m}$ , LOMMF ceramic ferrule; single pack, aqua boots
282040	95-101-41-SP	SC, 62.5 $\mu\text{m}$ , ceramic ferrule; single pack, beige boots



Anixter No.	Vendor No.	Description
286235	95-051-52-SP	ST, 50 $\mu$ m, ceramic ferrule; single pack, black boots
282038	95-101-52-SP	ST 62.5 $\mu$ m, ceramic ferrule, single pack, beige boots
282086	95-051-98-SP	LC, 50 $\mu$ m, ceramic ferrule; single pack, black boots
383137	95-051-98-SP-X	LC, 50 $\mu$ m, LOMMF ceramic ferrule; single pack, aqua boots
282085	95-101-98-SP	LC, 62.5 $\mu$ m, ceramic ferrule; single pack, beige boots

SINGLE-MODE CONNECTORS

Anixter No.	Vendor No.	Description
282037	95-201-52-SP	ST Compatible single-mode connector with ceramic ferrule and metal hardware; single pack, blue boots
282039	95-201-41-SP	SC single-mode connector with ceramic ferrule and composite hardware; single pack, blue boots
282073	95-201-98-SP	LC single-mode connector with ceramic ferrule and composite hardware; single pack, blue boots

ANAEROBIC-CURE CONNECTORS INSTALLATION TOOL KITS



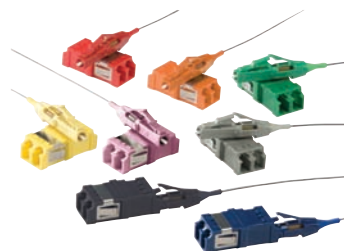
Anixter No.	Vendor No.	Description
286318	TKT-ANAEROBIC2	Anaerobic-cure connectors installation tool kit for SM/MM and anaerobic GIC connectors
286319	TKT-ANAEROBIC2-C	Anaerobic-cure connectors consumables kit for LC and anaerobic GIC with consumables including polishing paper and adhesive, for 600 connectors

Boot color:

50  $\mu$ m: black boots  
 50  $\mu$ m LOMMF: aqua boots  
 62.5  $\mu$ m: beige boots  
 Single-mode: blue boots  
 All ST Compatible, SC and FC connectors come with 3 mm, 2 mm and 900  $\mu$ m boots. LC connectors come with 900  $\mu$ m and combination 2 mm/1.6 mm boots.

Keyed LC Connector Solution

CORNING CABLE SYSTEMS



Corning Cable Systems Keyed LC Connector Solution provides mechanical network security in optical fiber cabling, utilizing the LC small-form-factor (SFF) format. Based on the standard LC single-fiber connector, the keyed LC solution provides physical separation for up to four networks, applications or organizations. Four color-coded key combinations prevent inadvertent or unauthorized access to networks and provide fast and easy network identification. On the front and back of the patch panel, keyed connectors and adapters are used to match access rights to the proper network. The key features in the connector and adapter cannot be duplicated with standard LC components, preventing violation of network security. The small-form-factor LC connector allows high-density deployments in less space than SC or ST Compatible connectors and supports up to 288 fibers in a 4U rack-mountable housing.

APPLICATIONS

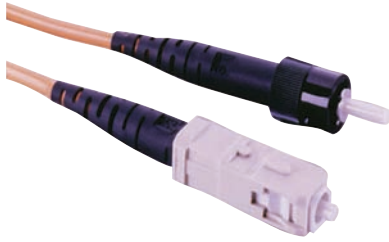
- Department of Defense installations
- Secure government facilities
- Research labs
- Organizations with a desire to segregate networks due to privacy or security concerns

A full solution is available, from factory-installed keyed LC connectors for assemblies and Plug & Play Universal modules, to field-installable UniCam Connectors and anaerobic keyed LC connectors, to adapters loaded into standard LANscape Solutions panels and modules. For more information, contact your local sales representative.

## Connectors

## Heat-cure Single-fiber Connectors

CORNING CABLE SYSTEMS



Corning Cable Systems Heat-Cure product line includes a full line of single-mode and multimode epoxy and polish connectors for factory installation. For Super or Ultra PC, the single-mode zirconia ceramic ferrule has a radiused end-face to allow physical contact (PC) polishing. A consumables kit and instructions are available for hand-polishing. Ultra PC (-55 dB) may be achieved by using the automatic polishers. For angled PC, the FC, LC and SC are available. The ferrule is pre-angled and must be polished with Corning Cable Systems automatic polishers. A typical reflectance of -65 dB is achievable with this process.

**FEATURES**

- Bulk packaging for quicker assembly (the -BP suffix in the part number indicates bulk packaging); single connectors are also available
- Angled PC available in FC, LC and SC
- Pre-radiused zirconia ceramic ferrule; Ultra PC available with automatic polisher
- Metallic and composite, ST Compatible connector hardware features robust closed keyway design
- Connectors are preassembled for reduced installation time
- New one-step crimp ring with jacket retention
- Boot size and color options
- Meet TIA/EIA-568-B.3 standard; SC and LC are duplexable
- RoHS compliant product available

**APPLICATIONS**

Building wiring applications  
 Ideal for connector assembly house applications in patch cord manufacturing  
 Mass terminations when material cost is the main consideration  
 Applications requiring low connector reflectance

**SC CONNECTORS**

Anixter No.	Vendor No.	Description
279750	95-100-48-SP	62.5 $\mu\text{m}$ multimode; ceramic, beige shroud, with crimp bands and boots
279753	95-250-08-SP	Single-mode; ceramic, blue shroud, with crimp bands and boots

**ST COMPATIBLE CONNECTORS**

Anixter No.	Vendor No.	Description
279748	95-100-44-SP	62.5 $\mu\text{m}$ multimode; ceramic, 0.1255 $\mu\text{m}$ ferrule, beige housing, with crimp bands and boots
279751	95-101-44-SP	62.5 $\mu\text{m}$ multimode; ceramic, 0.1255 $\mu\text{m}$ ferrule, metal housing, with crimp bands and boots
279752	95-250-06-SP	Single-mode; ceramic, 0.1255 $\mu\text{m}$ ferrule, blue housing, with crimp bands and boots
279771	95-251-49-SP	Single-mode; ceramic, 0.1255 $\mu\text{m}$ ferrule, metal housing, with crimp bands and boots

**FC CONNECTORS**

Anixter No.	Vendor No.	Description
279747	95-100-10-SP	62.5 $\mu\text{m}$ multimode; ceramic, 0.1255 $\mu\text{m}$ ferrule, metal housing, with crimp bands and boots
279770	95-250-10-SP	Single-mode; ceramic, 0.1255 $\mu\text{m}$ ferrule, metal housing, with crimp bands and boots

**LC CONNECTORS**

Anixter No.	Vendor No.	Description
281521	95-100-LC-SP	62.5 $\mu\text{m}$ multimode; ceramic, 0.1255 $\mu\text{m}$ ferrule, beige shroud
281520	95-050-LC-SP	50 $\mu\text{m}$ multimode; ceramic, 0.1255 $\mu\text{m}$ ferrule, black shroud
281519	95-250-LC-SP	Single-mode; ceramic, 0.1255 $\mu\text{m}$ ferrule, blue shroud

## Fiber Optic Adapters/Interconnect Sleeves

CORNING CABLE SYSTEMS



To complement its complete offering of factory- and field-installable connectors, Corning Cable Systems also offers a full line of adapters. In addition to supporting a variety of connector types, Corning Cable Systems adapters come in a variety of mounting configurations to ensure compatibility with the housing, panel, outlet or faceplate being utilized.

### FEATURES

- Ordered as single packs or bulk packs
- Available in a variety of colors in support of TIA/EIA-568-B.3
- RoHS-compliant product available
- Available with ceramic, metal or composite alignment sleeves
- Available in a variety of mounting configurations to ensure compatibility with housings, panels, outlets and faceplates
- ST Compatible connector adapters available with metal or composite housings

### Technical Information & Standards

FC TIA/EIA-604-4

SC TIA/EIA-604-3

ST Compatible TIA/EIA-604-2

LC TIA/EIA-604-10

MT-RJ TIA/EIA-604-12

MTP Connector Adapter TIA/EIA-604-5

#### FC ADAPTERS

Anixter No.	Vendor No.	Description
331037	ADP-FC00-MMXBC-NLS	FC SM/MM metal housing; simplex; rectangular biconic flange; silver
331039	ADP-FC00-MMXD11-NLS	FC SM/MM metal housing; simplex; one-hole bulkhead; silver
331040	ADP-FC00-MMXS-F-NLS	FC SM/MM metal housing; simplex; square flange; silver

#### SC ADAPTERS

Anixter No.	Vendor No.	Description
152755	ADP-SC00-CMNFL-CLS	SC SM; metal alignment insert; composite housing; simplex; blue
154406	ADP-SC00-CCNFL-CLS	SC SM; ceramic alignment insert; composite housing; simplex; blue
163383	ADP-SC00-CMKFL-CLS	SC MM 62.5 μm; metal alignment insert; composite housing; simplex; beige
152882	ADP-SC00-CCKFL-CLS	SC MM 62.5 μm; ceramic alignment insert; composite housing; simplex; beige
266157	ADP-SC00-CCGFL-CLS	SC SM APC; ceramic alignment insert; composite housing; simplex; green
154403	ADP-DSCO-CMKFL-CLS	SC MM 62.5 μm; metal alignment insert; composite housing; duplex; beige
163385	ADP-DSCO-CCKFL-CLS	SC MM 62.5 μm; ceramic alignment insert; composite housing; duplex; beige

#### Anixter No. Vendor No.

289606	ADP-DSCO-CCNFL-CLS	SC SM; ceramic alignment insert; composite housing; duplex; blue
396381	ADP-DSCO-CPKRC-CLS	SC MM 62.5 μm; composite alignment insert; composite housing; duplex; beige

#### ST ADAPTERS

##### Anixter No. Vendor No. Description

331041	ADP-ST00-MMNTH-NLS	ST SM; metal alignment insert; metal housing; simplex; threaded; silver
331043	ADP-ST00-MMKTH-NLS	ST MM 62.5 μm; metal alignment insert; metal housing; simplex; threaded; silver
331044	ADP-ST00-MMBTH-NLS	ST MM 50 μm; metal alignment insert; metal housing; simplex; threaded; silver
331045	ADP-ST00-MMATH-NLS	ST MM laser-optimized 50 μm; metal alignment insert; metal housing; simplex; threaded; silver
332000	ADP-ST00-MCKTH-NLS	ST MM 62.5 μm; ceramic alignment insert; metal housing; simplex; threaded; silver
331047	ADP-ST00-MCBTH-NLS	ST MM 50 μm; ceramic alignment insert; metal housing; simplex; threaded; silver
331048	ADP-ST00-MCATH-NLS	ST MM laser-optimized 50 μm; ceramic alignment insert; metal housing; simplex; threaded; silver

#### LC ADAPTERS (FITS SIMPLEX SC PANEL OPENING)

##### Anixter No. Vendor No.

Anixter No.	Vendor No.	Description
396383	ADP-DLCO-CCNRC-CLS	LC CP/CR SM; ceramic alignment insert; composite housing; duplex; blue
396389	ADP-DLCO-CCKRC-CLS	LC CP/CR 62.5 μm; ceramic alignment insert; composite housing; duplex; beige
396408	ADP-DLCO-CCBRC-CLS	LC CP/CR standard 50 μm; ceramic alignment insert; composite housing; duplex; black
396411	ADP-DLCO-CCARC-CLS	LC CP/CR 50 μm LOMMF; ceramic alignment insert; composite housing; duplex; aqua

#### MT-RJ ADAPTERS

##### Anixter No. Vendor No.

Anixter No.	Vendor No.	Description
206200	ADP-MTRJ-CNKFL-CLS	MT-RJ MM 62.5 μm; composite housing; simplex; beige
243972	ADP-MTRJ-CNNFL-CLS	MT-RJ SM; composite housing; simplex; blue

#### HYBRID ADAPTERS

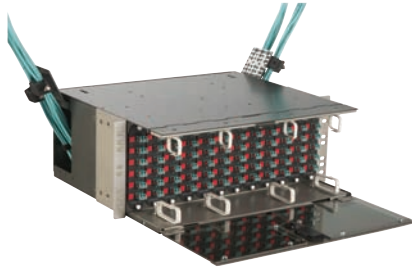
##### Anixter No. Vendor No.

Anixter No.	Vendor No.	Description
240221	ADP-STFC-MMXS-F-NLS	ST/FC MM/SM; metal alignment insert; metal housing; simplex; silver
170010	ADP-STSC-CCBFL-NLS	ST/SC MM/SM; ceramic alignment insert; composite housing; simplex; black

# Rack-mountable Hardware

## Pretium Connector Housings (PCH)

CORNING CABLE SYSTEMS



Corning Cable Systems Pretium Connector Housings are designed for the LAN and data center environment. The housings are 4 inches deeper than standard CCH housings and are shipped with everything the installer needs. Mountable in 19 or 23 in. (optional) equipment racks or cabinets, the housings provide easy, open access to connectors for moves, adds and changes and for connector cleaning. The 4U (7 in. tall) housing accepts 12 Corning Cable Systems CCH connector panels or CCH connector modules while the 1U (1.75 in. tall) housing accepts two CCH connector panels or modules. CCH connector panels and modules are available in a wide variety of port counts depending on connector style. Blank panels are provided in unused positions to give a finished look. The PCH-04U housing contains an integral, hinged jumper manager on the front of the housing. This manager can be locked in the "up" position for an additional 1U of horizontal jumper management or left in the default "down" position to provide additional capacity for jumper routing along the top of the housing. The PCH-01U housing has a no-tools, removable top that slides forward with the simple release of two latches, providing unencumbered access to interior components. The drawer slides forward or backward for easy access to the interior after installation.

### FEATURES

- Optional splicing available in all units (modules cannot be used with splicing configuration)
- New, deeper housings provide extra room for high cable counts and Corning Cable Systems Plug & Play Systems
- Large fiber guides in front contain patch cords
- Connector labeling optimized for use with machine-generated labels and Microsoft Word templates
- Front and rear removable doors (optional locks available)
- Grommeted cable entries keep dust out of the 04U
- Integrated, hinged jumper manager (04U)
- Transparent front door on the 04U
- Rugged metal construction
- Units include patented Universal Cable Clamp for cable strain relief
- Fiber capacity: PCH-04U = 288 fibers (using LC or MT-RJ; 144 when splicing); PCH-01U = 48 fibers (using LC or MT-RJ)
- PCH-01U 4 x 43 x 41 cm (1.75 x 17 x 16 in.) 6.8 kg (11 lb.)
- PCH-04U 18 x 43 x 41 cm (7 x 17 x 16 in.) 7.5 kg (16.5 lb.)
- As with all Corning Cable Systems housings, all of the accessories required to properly install the housing are included

### APPLICATIONS

- Main cross-connect, intermediate cross-connects and telecommunications rooms
- Rack or equipment cabinet installations
- Data center fiber distribution frames
- Cross-connects using large quantities of low-fiber-count cables

### PRETIUM CLOSET CONNECTOR HOUSINGS

Anixter No.	Vendor No.	Description
268733	PCH-01U	1U tall, accepts up to two CCH connector panels or modules, supplied with one Universal Cable Clamp, two blank panels and installation hardware
330206	PCH-02U	2U tall, accepts up to four CCH connector panels or modules, supplied with one Universal Cable Clamp, four blank panels and installation hardware
268734	PCH-04U	4U tall, accepts up to twelve CCH connector panels or modules, supplied with one Universal Cable Clamp, twelve blank panels and installation hardware

### ACCESSORIES

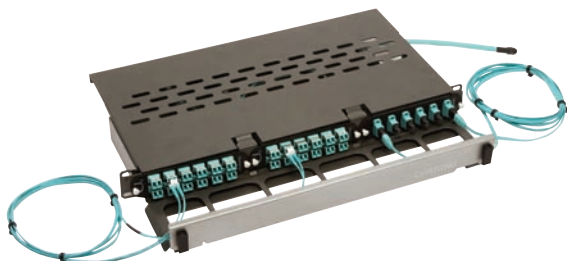
Anixter No.	Vendor No.	Description
268750	PC1-SPLC-04R	Splice Tray Bracket for PCH-01U; accepts up to four 0.2 in. Type 2R or two 0.4 in. Type 4R reduced-length splice trays; includes slack storage spools
338358	PC2-SPLC-6SR	Splice Tray Bracket for PCH-02U; accepts up to six 0.2 in. Type 2S, Type 2S Long or Type 2R splice trays; or accepts up to three 0.4 in. Type 4S or Type 4R splice trays (splice trays ordered separately)
326201	PC4-SPLC-12SR	Splice Tray Bracket for PCH-04U; accepts up to twelve 0.2 in. Type 2S or seven 0.4 in. Type 4S standard length splice trays; or accepts up to twelve 0.2 in. Type 2R or seven 0.4 in. Type 4R splice trays; works with left side cable entry only (splice trays ordered separately)
297670	PC4-STRN	PCH-04U strain-relief bracket; will accept up to two Universal Cable Clamp kits (UCC-001)
313080	PC4-SLK	PCH-04U rear slack storage bracket; installed in rear of housing for additional slack storage; one supplied with PCH-04U
267529	UCC-001	Universal Cable Clamp; strain-relieves a cable with a diameter of 0.375 to 1.125 in.
185322	HDWR-LOCK-KIT	Lock kit for front door of housing; contains one lock with two keys

Connector panels and modules must be ordered separately.

# Rack-mountable Hardware

## Pretium 3-Module Housing (PCH-M3-01U)

CORNING CABLE SYSTEMS



Corning Cable Systems new 3-Module Housing (PCH-M3-01U) is designed to maximize density and optimize ease of use in Plug & Play Universal Systems applications. Each 1U housing holds three reduced-depth, CCH-style, Plug & Play Universal Systems modules. When using LC duplex or MT-RJ adapters, 24-fibers/module are available, providing a total modular 1U density of 72 fibers. The housing is compatible with all adapter counts and modes of the reduced-depth, CCH-style, Plug & Play Universal Systems module. This new 3-module housing is designed to integrate with Corning Cable Systems Plug & Play Universal Systems products which utilize the RJ-clip integration, holding six size-zero plugs.

The housing's shallow 8.75 in. depth allows it to fit conveniently in many cabinet installations with housings mounted back to back. The shallow nature of the housing minimizes air flow obstruction, maximizing the impact of cooling agents. The rear of the housing also includes off-set air flow holes designed to allow air flow through the housing itself. For the most heat-sensitive environments, the rear cover may be removed, further improving the air flow characteristics of the housing. The housing mounts to a standard 19 in. frame. Cable strain relief is provided via the new RJ-clip Plug & Play Universal Systems plug integration piece. This housing is not intended for field termination or splicing.

### SPECIFICATIONS

1. 4.5 x 42.5 x 33 cm (1.75 x 16.8 x 12.75 in.)
2. 3.85 kg (8.5 lb.)

### FEATURES

- Designed to maximize density and optimize ease of use with Plug & Play Universal Systems modules
- Holds three reduced-depth, CCH-style, Plug & Play Universal Systems modules
- 72-fiber density with LC duplex or MT-RJ (three modules x 24 fibers/module)
- Shallow housing depth of 8.75 in. allows back-to-back mounting in many cabinets
- Shallow housing depth, holes in housing floor and cover, and removable cover minimize air flow obstruction, thereby maximizing the impact of cooling agents
- Strain-relief provided with RJ-clip Plug & Play Universal Systems integration plugs
- Accepts up to six size-zero Plug & Play Universal Systems plugs
- Optional frame-mounted bracket (CDF-RJ-BKT) holds one size-zero or size-one Plug & Play Universal Systems RJ plug
- Module tray slides forward for ease of access
- Gun-metal gray color scheme matches other Pretium housing installations
- Removable rear cover provides additional access to the rear of the modules
- Rugged metal construction
- As with all Corning Cable Systems housings, all of the accessories required to properly install the housing are included

### PRETIUM 3-MODULE HOUSING

Anixter No.	Vendor No.	Description
330226	PCH-M3-01U	Pretium connector housing

### ACCESSORIES

Anixter No.	Vendor No.	Description
330229	PC1-BKT-23	Mounting brackets for a 23 in. frame or cabinet (one set)
330230	CDF-RJ-BKT	Frame-mounted, RJ-clip bracket (two); each 14.6 x 3.43 x 2.03 cm (5.75 x 1.35 x .80 in.) and .17 kg (6 oz); accepts one size-zero or size-one RJ-clip plug

## Closet Connector Housings (CCH)

CORNING CABLE SYSTEMS



These Corning Cable Systems CCH housings can be rack-mounted in 19 in. (48 cm) or 23 in. (58 cm) equipment racks (1.75 in. EIA hole spacing) and are available in one-rack-space, (two panels), two-rack-spaces (four panels), three-rack-space (six panels) or four-rack-space (twelve panels) versions. For installations requiring 144 fibers, the capacity can be achieved using SC simplex, SC duplex, LC and MT-RJ connectors for 12 fibers per panel in conjunction with the 4-rack-space housing. For installations requiring up to 288 fibers, the capacity can be achieved using LC and MT-RJ connectors for 24 fibers per panel in conjunction with the four-rack-space housing.

Closet Connector Housings can be ordered with connector panels for multimode and single-mode applications. Connector panels are offered in 6-, 8-, 12-, 16- and 24-fiber configurations. Documentation labels are provided, and units or components can be added as needed to construct a fiber distribution frame for any application.

The CCH has been designed with an open top, located in the front of the housing in the three- and four-rack-space versions of the design. The opening, when used in conjunction with the Closet Jumper Management Panel (CJP), facilitates jumper routing.

### FEATURES

- Ideal for field connectorization
- Includes mounting provisions for buffer tube fan-out kits
- Suitable for loose-tube, tight-buffered and optical fiber ribbon cables
- Mounting configurations include standard 4.5-in. (11.4 cm) frontal projection, partially flush and fully flush (optional kit)
- Multiple locations for jumper egress
- Removable, durable, clear polycarbonate-tinted front door (CCH-03U and CCH-04U)

Continued on next page >>

# Rack-mountable Hardware

*(continued)* Closet Connector Housings (CCH)

- Lock can be field-installed
- Accepts CCH connector panels and modules
- Open top of housing for vertical pigtail or jumper exiting
- Optional top and side covers available
- Meets requirements of ANSI/TIA/EIA-568A and -606
- Brackets included for rack-mounting in 19-in. or 23-in. equipment racks
- As with all Corning Cable Systems housings, all of the accessories required to properly install the housing are included

**APPLICATIONS**

Corning Cable Systems Closet Connector Housings (CCH) provide interconnect or cross-connect capabilities between the outside plant, riser, or distribution cables, and the opto-electronics

**CLOSET CONNECTOR HOUSINGS (CCH)**

Anixter No.	Vendor No.	Description
180626	CCH-01U	Closet Connector Housing that will accept up to two CCH panels; comes with blank panels and hardware to strain-relieve one cable with the UCC or up to five 0.4 in. or smaller cables with the UCC insert
180627	CCH-02U	Closet Connector Housing that will accept up to four CCH panels; comes with blank panels and hardware to strain-relieve one cable with the UCC or up to five 0.4 in. or smaller cables with the UCC insert
180628	CCH-03U	Closet Connector Housing that will accept up to six CCH panels; comes with blank panels and hardware to strain-relieve two cables with the Universal Cable Clamp (UCC) or up to 10 0.4 in. or smaller cables with the UCC insert
180420	CCH-04U	Closet Connector Housing that will accept up to 12 CCH panels; comes with blank panels and hardware to strain-relieve two cables with the Universal Cable Clamp (UCC) or up to 10 0.4 in. or smaller cables with the UCC insert

**PRELOADED HOUSINGS**

Anixter No.	Vendor No.	Description
181917	CCH-01U-2491	CCH-01U preloaded with 12 568SC (SC duplex) adapters (two CCH panels), 62.5 μm MM, composite insert, composite housing
181908	CCH-01U-1215T	CCH-01U preloaded with 12 ST Compatible adapters (two CCH panels), 62.5 μm MM, ceramic insert, composite housing
181914	CCH-01U-1291	CCH-01U preloaded with two SC duplex, 6-fiber MM adapter panels with composite inserts
182440	CCH-02U-2491	CCH-02U preloaded with four SC duplex, 6-fiber MM adapter panels with composite inserts
181919	CCH-02U-2415T	CCH-02U preloaded with four ST 6-fiber, bulkhead MM adapter panels with ceramic inserts

**ACCESSORIES**

Anixter No.	Vendor No.	Description
180418	CJP-01U	Closet jumper management panel; provides jumper management in a 1.75-in. rack space
180419	CJP-02U	Closet jumper management panel; provides jumper management in a 3.5-in. rack space
180654	CCH-WALLMNT-KIT	Bracket for wall-mounting a housing; provides six rack spaces
180661	CCH-UCC-KIT	One bracket and two Universal Cable Clamps (UCCs); each housing is shipped with one bracket and two UCCs; an additional bracket and UCC can be added
185322	HDWR-LOCK-KIT	Lock kit for front door of housing; contains one lock with two keys
189932	CCH-TOP-CVR	Patch field cover that covers top opening in CCH-03U and CCH-04U housings
263462	FDC-CABLE-GRND	Armored cable grounding kit; contains one armored grounding clip and one ground strap
276971	CCH-04U-SIDEPNL	Side panels to enclose CCH-04U housing; kit includes two panels

Connector panels and modules must be ordered separately.

# Rack-mountable Hardware

## Closet Splice Housings (CSH)

CORNING CABLE SYSTEMS



Corning Cable Systems Closet Splice Housings (CSH) are used in equipment racks or equipment cabinets, as well as in the transition splice between outdoor-rated and riser/plenum-rated cable at a building entrance. Pigtail splicing is accomplished when the CSH is used in conjunction with the Closet Connector Housing (CCH). The Closet Splice Housing is available in three-rack-space and five-rack-space models.

### FEATURES

- Cable strain-relief hardware provided including Corning Cable Systems Universal Cable Clamp (UCC)
- 4.5 in. projection or flush-mountable
- Open-side design for easy fiber egress
- Sliding shelf provides access to splice trays and routing guides
- Record label provided
- Multiple grommeted cable entry ports
- Top and bottom rear-removable access panels for vertical pigtail entry from the CCH housing
- Front and rear doors lockable with optional lock kits
- Brackets included for 19 in. (48 cm) and 23 in. (58 cm) racks
- As with all Corning Cable Systems housings, all of the accessories required to properly install the housing are included

### APPLICATIONS

Provides storage and protection of fiber splices in individually accessible trays Rack-mount, 19-in. (48 cm) or 23-in. (58 cm) for transition splicing between UL Listed and unlisted cable at building entrance or pigtail splicing

#### CLOSET SPLICE HOUSINGS (CSH)

NOTE: Splice trays and jumper management panels (CJPs) must be ordered separately.

Anixter No.	Vendor No.	Description
180640	CSH-03U	Accepts up to 12 0.2-in. splice trays (Type 2R, 2S or 2M) in three rack spaces (5.25 in.)
219336	CSH-03U-F	Accepts up to seven 0.4-in. splice trays (Type 4R, 4S or 4A) in three rack spaces (5.25 in.)
180641	CSH-05U	Accepts up to 22 0.2-in. splice trays (Type 2R, 2S or 2M) in five rack spaces (8.75 in.)
266671	CSH-05U-F	Accepts up to 14 0.4-in. splice trays (Type 4R, 4S or 4A) in five rack spaces (8.75 in.)

Anixter No. Vendor No.  
180643 CJH-02U

#### Description

Rear-mounted CSH designed to utilize the open space behind the 2U jumper management panel (CJP-02U); accepts up to four 0.2 in. splice trays (Type 2R, 2S or 2M) in two rack spaces (3.5 in.)

180644 CJH-03U

Rear-mounted CSH designed to utilize the open space behind the 3U jumper management panel (CJP-03U); accepts up to nine 0.2-in. splice trays (Type 2R, 2S or 2M) in three rack spaces (5.25 in.)

## Closet Connector Housing Panels (CCH-CP)

CORNING CABLE SYSTEMS



Closet Connector Housing Panels are offered in 6-, 8-, 12-, 16- and 24-fiber panels for use with the LANscape Solutions hardware products. The panels are used with field-installable connectors or in applications where the preconnectorized cables are routed directly from the equipment to the interconnect hardware.

The panels are available with a variety of industry-standard adapter types. In most applications, the Closet Connector Housing Panels are designed for applications where specified labeling and connector identification are required. This is accomplished by the use of colored icons with different symbols molded into the icon.

### FEATURES

- Designed to accommodate all industry-standard adapter types
- Unique color-coded connector labeling system
- Universal approach is used; one panel size fits in all standard LANscape Solutions hardware
- Available in 6-, 8- and 12-fiber-count options in most adapter styles; 16- and 24-fiber-count options available in MT-RJ and LC duplex styles

### APPLICATIONS

The panels are used with field-installable connectors or in applications where the preconnectorized cables are routed directly from the equipment to the piece of interconnect hardware

Provides an efficient way to securely mate two or more connectors

#### 6-FIBER CLOSET CONNECTOR HOUSING PANELS: FC ADAPTER

Anixter No.	Vendor No.	Description
180681	CCH-CP06-11	Six Corning Cable Systems universal adapter holders with FC, single-mode
214235	CCH-CP06-21	Six FC, angle polish, single-mode adapters with metal inserts, metal housings

Continued on next page >>

# Rack-mountable Hardware

*(continued)* Closet Connector Housing Panels (CCH-CP)

6-FIBER CLOSET CONNECTOR HOUSING PANELS: SC ADAPTER (SIMPLEX)

Anixter No.	Vendor No.	Description
227053	CCH-CP06-3C	Single-mode, ceramic insert, composite housing
269782	CCH-CP06-6C	Angle polish, single-mode, ceramic insert, composite housing
180704	CCH-CP06-56	Multimode 62.5 $\mu\text{m}$ , composite insert, composite housing

6-FIBER CLOSET CONNECTOR HOUSING PANELS: SC ADAPTER (DUPLEX)

Anixter No.	Vendor No.	Description
180435	CCH-CP06-59	Single-mode, ceramic insert, composite housing
180705	CCH-CP06-91	Multimode 62.5 $\mu\text{m}$ , composite insert, composite housing
250694	CCH-CP06-G7	Standard 50 $\mu\text{m}$ multimode, ceramic insert, composite housing
269475	CCH-CP06-E7	Laser-optimized 50 $\mu\text{m}$ multimode, ceramic insert, composite housing

6-FIBER CLOSET CONNECTOR HOUSING PANELS: LC ADAPTER (DUPLEX)

Anixter No.	Vendor No.	Description
276744	CCH-CP06-A8	Multimode 62.5/125 adapters, ceramic insert, composite housing
343164	CCH-CP06-A9	Single-mode, ceramic insert, composite housing

6-FIBER CLOSET CONNECTOR HOUSING PANELS: MT-RJ ADAPTER

Anixter No.	Vendor No.	Description
203717	CCH-CP06-97	Multimode 62.5 $\mu\text{m}$
203723	CCH-CP06-98	Single-mode

8-FIBER CLOSET CONNECTOR HOUSING PANELS: SC ADAPTER (SIMPLEX)

Anixter No.	Vendor No.	Description
180718	CCH-CP08-39	Multimode 62.5 $\mu\text{m}$ , metal insert, composite housing
180719	CCH-CP08-56	Multimode 62.5 $\mu\text{m}$ , composite insert, composite housing

8-FIBER CLOSET CONNECTOR HOUSING PANELS: ST COMPATIBLE ADAPTER

Anixter No.	Vendor No.	Description
180714	CCH-CP08-15T	Threaded bulkhead, multimode 62.5 $\mu\text{m}$ , ceramic insert, composite housing
180715	CCH-CP08-19T	Threaded bulkhead, single-mode, ceramic insert, composite housing
180716	CCH-CP08-25T	Threaded bulkhead, multimode 62.5 $\mu\text{m}$ , composite insert, composite housing

8-FIBER CLOSET CONNECTOR HOUSING PANELS: SC ADAPTER (DUPLEX)

Anixter No.	Vendor No.	Description
180463	CCH-CP08-59	Single-mode, ceramic insert, composite housing
180720	CCH-CP08-91	Multimode 62.5 $\mu\text{m}$ , composite insert, composite housing

12-FIBER CLOSET CONNECTOR HOUSING PANELS: SC ADAPTERS (SIMPLEX)



Anixter No.	Vendor No.	Description
278933	CCH-CP12-3C	Single-mode, ceramic insert, composite housing
271108	CCH-CP12-6C	Angle polish, single-mode, ceramic insert, composite housing
269695	CCH-CP12-56	Multimode 62.5 $\mu\text{m}$ , composite insert, composite housing

12-FIBER CLOSET CONNECTOR HOUSING PANELS: 6 SC ADAPTERS (DUPLEX)

Anixter No.	Vendor No.	Description
180728	CCH-CP12-59	Single-mode, ceramic insert, composite housing
180729	CCH-CP12-91	Multimode 62.5 $\mu\text{m}$ , composite insert, composite housing
250688	CCH-CP12-G7	Standard 50 $\mu\text{m}$ multimode, ceramic insert, composite housing
255257	CCH-CP12-E7	Laser-optimized 50 $\mu\text{m}$ multimode, ceramic insert, composite housing

12-FIBER CLOSET CONNECTOR HOUSING PANELS: ST COMPATIBLE ADAPTER



Anixter No.	Vendor No.	Description
207402	CCH-CP12-15T	Threaded bulkhead adapters, multimode 62.5 $\mu\text{m}$ , ceramic insert, composite housing
207404	CCH-CP12-19T	Threaded bulkhead adapters, single-mode, ceramic insert, composite housing
207403	CCH-CP12-25T	Threaded bulkhead adapters, multimode 62.5 $\mu\text{m}$ , composite insert, composite housing
309517	CCH-CP12-G5	Standard 50 $\mu\text{m}$ multimode, ceramic insert, composite housing



# Rack-mountable Hardware

## 12-FIBER CLOSET CONNECTOR HOUSING PANELS: 6 LC ADAPTERS (DUPLEX)

Anixter No.	Vendor No.	Description
242101	CCH-CP12-A7	Multimode 62.5 $\mu\text{m}$ , metal insert, composite housing
272046	CCH-CP12-A8	Multimode 62.5 $\mu\text{m}$ , ceramic insert, composite housing
242436	CCH-CP12-A9	Single-mode, ceramic insert, composite housing
250692	CCH-CP12-D3	Standard 50 $\mu\text{m}$ multimode, ceramic insert, composite housing
272048	CCH-CP12-E4	Laser-optimized 50 $\mu\text{m}$ multimode, ceramic insert, composite housing

## 12-FIBER CLOSET CONNECTOR HOUSING PANELS: 6 MT-RJ ADAPTERS

Anixter No.	Vendor No.	Description
203720	CCH-CP12-97	Multimode 62.5 $\mu\text{m}$
206354	CCH-CP12-98	Single-mode
250691	CCH-CP12-G1	Standard 50 $\mu\text{m}$ multimode, composite housing
278931	CCH-CP12-E1	Laser-optimized 50 $\mu\text{m}$ multimode, composite housing

## 24-FIBER CLOSET CONNECTOR HOUSING PANELS: 12 MT-RJ ADAPTERS

Anixter No.	Vendor No.	Description
203722	CCH-CP24-97	Multimode 62.5 $\mu\text{m}$
203727	CCH-CP24-98	Single-mode
255254	CCH-CP24-E1	Laser-optimized 50 $\mu\text{m}$ multimode, composite housing

## 24-FIBER CLOSET CONNECTOR HOUSING PANELS: 12 LC ADAPTERS (DUPLEX)



Anixter No.	Vendor No.	Description
252145	CCH-CP24-A7	Multimode 62.5 $\mu\text{m}$ , metal insert, composite housing
267889	CCH-CP24-A8	Multimode 62.5 $\mu\text{m}$ , ceramic insert, composite housing
252146	CCH-CP24-A9	Single-mode, ceramic insert, composite housing
265058	CCH-CP24-D3	Standard 50 $\mu\text{m}$ multimode, ceramic insert, composite housing
255256	CCH-CP24-E4	Laser-optimized 50 $\mu\text{m}$ multimode, ceramic insert, composite housing

## MTP CONNECTOR PANELS



Anixter No.	Vendor No.	Description
319325	CCH-CP72-E3	72-fiber standard 50 $\mu\text{m}$ multimode, ceramic insert, composite housing
367549	CCH-CPE4-E3	144-fiber standard 50 $\mu\text{m}$ multimode, ceramic insert, composite housing
349511	CCH-CPE4-G3	144-fiber laser-optimized 50 $\mu\text{m}$ multimode, ceramic insert, composite housing

## 6-FIBER CLOSET CONNECTOR HOUSING PANELS: ST COMPATIBLE ADAPTER

Anixter No.	Vendor No.	Description
314850	CCH-CP06-G5	Standard 50 $\mu\text{m}$ multimode, ceramic insert, composite housing
180699	CCH-CP06-19T	Threaded bulkhead, single-mode, ceramic insert, composite housing
317729	CCH-CP06-E5	Laser-optimized 50 $\mu\text{m}$ multimode, ceramic insert, composite housing
180701	CCH-CP06-25T	Threaded bulkhead, multimode 62.5 $\mu\text{m}$ , composite insert, composite housing

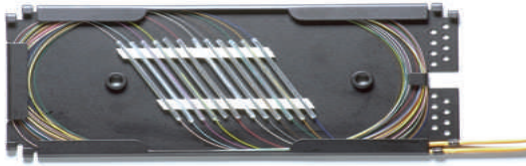
**Q:** Will the connector panels fit both the wall-mount and rack-mount LANscape housings?

**A:** Yes, trying to remember which panels work with which housings can be very confusing. That is why all Corning LANscape connector panels are interchangeable.

# Rack-mountable Hardware

## Splice Trays

CORNING CABLE SYSTEMS



Corning Cable Systems Splice Trays use proven designs and fiber organization technology to provide optimum physical protection for fusion and mechanical splicing methods. The trays are engineered for use with both loose-tube and tight-buffered optical cable designs. Their generous size prevents induced attenuation due to fiber bending.

The splice trays are available in either a metallic version (M67 Series) or an injection-molded plastic version (UST Series). The metal tray series consists of a rugged aluminum base and cover. Crimpable metal tabs provide buffer-tube strain relief. Additional strain-relief points are available for securing buffer tubes or pigtails to the trays using cable ties.

The plastic tray series consists of an injection-molded, black plastic base that incorporates features to retain fiber loops and control the bend radius. The clear plastic cover allows visibility of the fibers for inspection without opening the tray. Tie-wrap holes provide strain relief for buffer tubes and tight-buffered fibers. Unique strain-relief tabs are provided for multiple buffer tubes.

Both splice tray series contain organizers for a variety of popular splicing methods. The Room Temperature Vulcanizing (RTV) fusion splice organizer is of high-precision molded construction that holds and protects the actual splice, thereby eliminating the need for extra parts. Each mechanical splice organizer provides a positive holding action for maximum splice protection during installation and use.

Designed for use with Corning Cable Systems interconnection hardware and splice closures, these splice trays are an integral part of the complete Corning Cable Systems splicing system.

### FEATURES

- Craft-friendly design
- Available for many splicing methods
- Used for multimode or single-mode systems
- Metal trays feature black powder coating for ease of fiber identification and protection
- Metal trays come standard with aluminum tops
- Clear plastic covers available for most metal trays
- No stress placed on completed splices within tray

### APPLICATIONS

For use with indoor or outdoor splice hardware  
 Protects and manages fibers and fiber splices  
 Used at field splice, transition splice and end splice locations

Anixter No.	Vendor No.	Description
135182	M67-031	Tray for 12 mechanical splices - Type 2S. Dimensions: 29.7 x 9.9 x 0.5 cm (11.7 x 3.9 x 0.2 in.)

Anixter No.	Vendor No.	Description
095938	M67-041	Tray for 12 RTV fusion splices - Type 2S. Dimensions: 29.7 x 9.9 x 0.5 cm (11.7 x 3.9 x 0.2 in.)
168667	M67-041-C	Tray for 12 RTV fusion splices - Type 2S, clear cover. Dimensions: 29.7 x 9.9 x 0.5 cm (11.7 x 3.9 x 0.2 in.)
095939	M67-048-RH	Tray for 12 single-fiber heat-shrink fusion splices - Type 2S. Dimensions: 29.7 x 9.9 x 0.5 cm (11.7 x 3.9 x 0.2 in.)
197211	M67-048-C	Tray for 12 single-fiber heat-shrink fusion splices - Type 2S, clear cover. Dimensions: 29.7 x 9.9 x 0.5 cm (11.7 x 3.9 x 0.2 in.)
125239	M67-060	Tray for 12 RTV fusion splices - Type 2R. Dimensions: 17.5 x 8.9 x 0.5 cm (6.9 x 3.5 x 0.2 in.)
125240	M67-061	Tray for six mechanical splices - Type 2R. Dimensions: 18.5 x 8.9 x 0.5 cm (7.3 x 3.5 x 0.2 in.)
190426	M67-068	Tray for six heat-shrink fusion splices - Type 2R. Dimensions: 18.5 x 8.9 x 0.5 cm (7.3 x 3.5 x 0.2 in.)
124974	M67-070	Tray for up to 12 CamSplice mechanical splices - Type 4S. Dimensions: 29.7 x 9.9 x 1.0 cm (11.7 x 3.9 x 0.4 in.)
219337	M67-076	Tray for six heat-shrink mass fusion splices or 12 heat-shrink fusion splices - Type 4S. Dimensions: 29.7 x 9.9 x 1.0 cm (11.7 x 3.9 x 0.4 in.)
252683	M67-076-C	Tray for six heat-shrink mass fusion splices or 12 heat-shrink fusion splices - Type 4S, clear cover. Dimensions: 29.7 x 9.9 x 1.0 cm (11.7 x 3.9 x 0.4 in.)
144411	M67-078	Wide tray for 24 heat-shrink fusion splices - Type 4S Wide. Dimensions: 29.7 x 11.0 x 1.0 cm (11.7 x 4.3 x 0.4 in.)
269486	M67-092	Tray for 12 RTV fusion splices - Type 2R. Dimensions: 17.5 x 8.9 x 0.5 cm (6.9 x 3.5 x 0.2 in.)
252913	M67-112	Long tray for 24 heat-shrink fusion splices - Type 2S Long. Dimensions: 33.6 x 9.9 x 0.5 cm (13.25 x 3.9 x 0.2 in.)
266672	SCF-ST-077	Tray for 48 single-fiber or 12 mass fusion heat-shrink fusion splices - Type 4S. Dimensions: 29.7 x 9.9 x 1.0 cm (11.7 x 3.9 x 0.4 in.)
514043	UST-024	Universal Splice Tray (organizers included for RTV fusion, heat-shrink fusion, mass fusion and mechanical splices) - Type 4A. Dimensions: 33 x 10.8 x 1.0 cm (13 x 4.25 x 0.4 in.)

The trays have a "type" that is shown in the splice tray descriptions. This type can be used to match compatibility with various Corning Cable Systems splice housings. RTV fusion splice trays contain an organizer that seals bare splices with the use of RTV, resulting in higher splice density than using heat-shrink fusion splice protectors. Single-fiber heat-shrink fusion splice trays will accept 60 mm single-fiber heat-shrink fusion splice protectors. Heat-shrink mass fusion splice trays accept multi-fiber heat-shrink mass fusion splice protectors. All splice trays can be used for single-mode or multimode applications.

Mechanical trays accept Corning Cable Systems CamSplice Mechanical Splice and other mechanical splices with equivalent dimensions.

# Wall-mountable Hardware

## Pretium Wall-mountable Housings (PWH)

CORNING CABLE SYSTEMS



Housings can be wall-mounted in main cross-connects (MCs) or telecommunications rooms (TRs), and are available with different capacities: two panels, four panels, six panels and 12 panels. Optional products, such as the cable strain-relief kit (PWH-STRNRLF-KIT), have been designed to make your wall-mountable product installation easier. The standoff bracket (PWH-STDOFF-BKT) is designed to extend the PWH from the wall so that cable can be routed behind the units. Brackets can be stacked to increase the amount of space behind the housing.

### SPECIFICATIONS

1. PWH-02P (H x W x D) - cm (in.); 23.9 x 44.5 x 10.2 (9.4 x 17.5 x 4.0)
2. PWH-04P (H x W x D) - cm (in.); 36.6 x 53.3 x 13.5 (14.4 x 21.0 x 5.3)
3. PWH-06P (H x W x D) - cm (in.); 36.6 x 53.3 x 13.5 (14.4 x 21.0 x 5.3)
4. PWH-12P (H x W x D) - cm (in.); 36.6 x 82.6 x 13.5 (14.4 x 32.5 x 5.3)

### FEATURES

- Optimized design for Plug & Play Universal Systems installations as well as splice and field termination applications
- Suitable for installation of loose-tube and tight-buffered fiber optic cables
- Accepts standard CCH connector panels and modules
- Includes jumper routing guides and a bracket for securing buffer-tube fan-out kits to enable easy, orderly routing and protection
- Pretium Solutions gun-metal gray design and rugged metal construction
- -04P, -06P and -12P housings have a durable, clear polycarbonate-tinted jumper door for easy viewing of jumper connections
- Optional splice tray holder allows easy cable routing and is designed to make field splicing easier; splice trays ordered separately
- Optional field-installable lock kit for additional security

### APPLICATIONS

Corning Cable Systems Pretium Wall-mountable Housings (PWH) provide interconnect or cross-connect capabilities between the outside plant, riser cables, horizontal cables and the opto-electronics. The Pretium Wall-mount line is designed to hold Plug & Play Universal Systems modules

### PRETIUM WALL-MOUNTABLE CONNECTOR HOUSING

Anixter No.	Vendor No.	Description
342286	PWH-02P	Will accept up to two CCH panels or modules
342288	PWH-04P	Will accept up to four CCH panels or modules
342290	PWH-06P	Will accept up to six CCH panels or modules
342292	PWH-12P	Will accept up to twelve CCH panels or modules

### ACCESSORIES

Anixter No.	Vendor No.	Description
342295	PWH-STDOFF-BKT-02P	Wall-Mountable Connector Housing Wall Stand-off Brackets for 02P; brackets provide a 1-in. spacing from wall
342296	PWH-STRNRLF-KIT	Optional External Cable Strain-Relief Kit that utilizes Corning Cable Systems Universal Cable Clamp; includes bracket, mounting hardware, one strain-relief clamp and one multi-cable insert that will hold up to five cables less than 0.4 inches in diameter
185322	HDWR-LOCK-KIT	Lock kit for front door of housing; contains one lock with two keys

## Wall-mountable Connector Housings (WCH)

CORNING CABLE SYSTEMS



The units can be wall-mounted in main cross-connects (MCs) or telecommunications rooms (TRs), and are available in different versions: two panels, four panels, six panels and 12 panels.

Optional products such as the wall-mountable jumper storage guide kit (WJG-02R) and cable strain-relief kit (WCH-STRNRLF-KIT) have been designed to make your wall-mountable product installation easier. The standoff bracket (WCH-STDOFF-BKT) is designed to extend the WCH housing from the wall so that cable can be routed behind the units. Brackets can be stacked to allow a larger amount of space behind.

### FEATURES

- Optimized design for field connectorization
- Suitable for loose-tube and tight-buffered fiber optic cables
- Metal cabinet construction
- Jumper routing guides and jumper strain-relief point
- Optional field-installable lock kit
- Includes bracket for buffer tube fan-out kits
- Optional pivoting splice tray holder allows easy cable routing and is designed to make field splicing easier; splice trays ordered separately
- Accepts standard CCH connector panels
- -04P, -06P and -12P cabinets have a durable, clear polycarbonate-tinted jumper door for easy viewing of jumper connections
- As with all Corning Cable Systems housings, all of the accessories required to properly install the housing are included

Continued on next page >>

# Wall-mountable Hardware

(continued) Wall-mountable Connector Housings (WCH)

**Technical Information & Standards**

Dimensions:

WCH-12P

Size (H x W x D) - cm (in.): 34.3 x 57.1 x 13.0 (13.5 x 22.5 x 5.125)

WCH-06P

Size (H x W x D) - cm (in.): 34.3 x 40.8 x 13.0 (13.5 x 16.062 x 5.125)

WCH-04P

Size (H x W x D) - cm (in.): 34.3 x 40.8 x 10.3 (13.5 x 16.062 x 4.062)

WCH-02P

Size (H x W x D) - cm (in.): 2315.5 x 33.2 x 8.2 (9.25 x 13.25 x 3.25)

**APPLICATIONS**

Corning Cable Systems Wall-mountable Connector Housings provide interconnect or cross-connect capabilities between the outside plant, riser, or distribution cables and the opto-electronics

**CONNECTOR HOUSINGS (EMPTY)**

Anixter No.	Vendor No.	Description
181945	WCH-12P	Accepts up to twelve CCH panels
180454	WCH-06P	Accepts up to six CCH panels
180457	WCH-04P	Accepts up to four CCH panels
180452	WCH-02P	Accepts up to two CCH panels

**CONNECTOR HOUSING (PRELOADED)**

Anixter No.	Vendor No.	Description
181940	WCH-02P-1215T	WCH-02P preloaded with 12 ST Compatible adapters (two CCH panels), standard 62.5 μm multimode, ceramic insert, composite housing
181970	WCH-02P-2491	WCH-02P preloaded with 12 568SC (SC duplex) adapters (two CCH panels), standard 62.5 μm multimode, composite insert, composite housing

**ACCESSORIES**

Anixter No.	Vendor No.	Description
180430	WJG-02R	Wall-mountable jumper storage guides that provide jumper management; kit includes two routing guides and mounting screws
180670	WCH-STD0FF-BKT	Wall-mountable connector housing Wall Stand-off Brackets for 04P, 06P, 08P and 12P; brackets provide a 1-in. spacing from wall
201212	BKT-ALL-R23-75	Universal rack-mount bracket for 48 cm (19 in.) and 58 cm (23 in.) equipment racks
180677	WCH-STRNRLF-KIT	Optional external cable strain-relief kit that utilizes Corning Cable Systems Universal Cable Clamp; includes bracket, mounting hardware, one strain-relief clamp and one multi-cable insert that will hold up to five cables less than 0.4 inches in diameter
180431	WCH-DUST-CVR	Optional dust cover for 04P and 08P housing; covers jumper exits; includes two covers and mounting hardware

Anixter No.	Vendor No.	Description
250726	WCH-DUST-CVR-D	Optional dust cover for -06P and -12P housing; covers two jumper exits; includes two covers and mounting hardware; two kits required for 12P
185322	HDWR-LOCK-KIT	Lock kit for front door of housing; contains one lock with two keys

**OPTIONAL SPLICE TRAY HOLDERS AND SLACK STORAGE**

NOTE: Splice trays ordered separately.

Anixter No.	Vendor No.	Description
523334	WCH-SPLC-12	Splice tray for WCH-12P; accommodates 12 0.2 in.-thick (Type 2R) or 6 0.4 in.-thick (Type 4R) reduced-length splice trays
193788	WCH-SPLC-4-8	Splice tray holder for WCH-04P, WCH-06P and WCH-08P; accommodates eight 0.2 in.-thick (Type 2R) or four 0.4 in.-thick (Type 4R) reduced-length splice trays
523332	WCH-SPLC-2P	Splice tray holder for WCH-02P; accommodates two 0.2 in.-thick (Type 2R) or one 0.4 in.-thick (Type 4R) reduced-length splice trays
545604	WCH-SSH-2	Wall-mountable slack storage housing for WCH-02P; accommodates four 0.2 in.-thick (Type 2R) or two 0.4 in.-thick (Type 4R) reduced-length splice trays
276677	WCH-SSH-4-12	Wall-mountable slack storage housing for WCH-04P, WCH-06P, WCH-08 and WCH-12P; accommodates eight 0.2 in.-thick (Type 2R and 2S) or four 0.4 in.-thick (Type 4R and Type 4S) standard or reduced-length splice trays or four UST splice trays

Connector panels must be ordered separately.

# Wall-mountable Hardware

## Wall-mountable Splice Housing (WSH)

CORNING CABLE SYSTEMS



The WSH is a wall-mountable housing designed to store the optical fibers being spliced within the unit. The WSH accommodates either 16 0.2-inch (Type 2S, 2R or 2M) splice trays or 11 0.4-inch (Type 4S, 4R or 4A) splice trays and also includes a label for identification. The front door of this housing doubles as a work surface that can support the weight of a fusion splicer. It also features a lip around the door to help retain loose items. Multiple cable entry/exit locations are provided on the top and bottom, and all are grommeted to prevent dust from entering the housing. The strain-relief bracket can be moved to a variety of positions depending on the location of the cables entering the housing and also includes the Corning Cable Systems Universal Cable Clamp. There are also provisions for mounting an optional grounding kit.

### FEATURES

- Will accept 16 0.2-inch (Type 2S, 2R or 2M) splice trays or 11 0.4-inch (Type 4S, 4R or 4A) splice trays
- Can be used in conjunction with a Wall-mountable Connector Housing (WCH) for termination
- Multiple grommeted cable entry/exit locations line up with cable entries on WCH-12P
- Front door can be used as a work surface
- Will accept an optional grounding kit
- As with all Corning Cable Systems housings, all of the accessories required to properly install the housing are included

### APPLICATIONS

The Wall-mountable Splice Housing (WSH) provides storage and protection of fiber splices in individually accessible trays  
 Wall-mountable for transition splicing between UL Listed and unlisted cable at building entrance or pigtail splicing

### SPLICE HOUSING

Anixter No.	Vendor No.	Description
525344	WSH-16SPT	Wall-mountable Splice Housing; accepts up to (16) 0.2 in. (Type 2S, 2R or 2M) splice trays
267580	WSH-11SPT-F	Wall-mountable Splice Housing; accepts up to (11) 0.4 in. (Type 4S, 4R or 4A) splice trays

### ACCESSORIES

Anixter No.	Vendor No.	Description
278912	GROUND-KIT-2	WSH grounding kit; includes a grounding bar and hardware
201212	BKT-ALL-R23-75	Universal rack-mount bracket for 48 cm (19 in.) and 58 cm (23 in.) equipment racks
185322	HDWR-LOCK-KIT	Lock kit for front door of housing; contains one lock with two keys

Splice trays must be ordered separately.

## Wall-mountable Interconnect Center (WIC)

CORNING CABLE SYSTEMS



The Corning Cable Systems LANscape Solutions Wall-mountable Interconnect Center (WIC) is an economical housing for terminating optical fiber cables. Accepting standard LANscape Solutions CCH connector panels, CCH pigtail modules or CCH Plug & Play Systems connector modules, the housing offers protection for the connectors in the physical plant (optional jumper protection door recommended). The units are ideal for use in building entrance rooms or telecommunications rooms (TRs), or inside programmable logic controller (PLC) cabinets typically found in manufacturing plants.

### SPECIFICATIONS

1. WIC-02P: 33 cm x 21.6 cm x 6.6 cm (13 in. x 8.5 in. x 2.6 in.) 2.3 kg (5 lb.)
2. WIC-04P: 33 cm x 21.6 cm x 10.4 cm (13 in. x 8.5 in. x 4.1 in.) 2.7 kg (6 lb.)

### FEATURES

- Accepts two (WIC-02P) or four (WIC-04P) standard CCH connector panels or modules
- Optional cover available for jumper protection and jumper strain relief
- Universal Cable Clamp (UCC) available for cable strain relief
- Lockable doors with optional lock kits
- Includes routing guides for fiber management
- Black metal housing for durability
- Splicing provisions in both housings for Corning Cable Systems Type 2R or 4R splice trays
- Units can be mounted in stacked and/or reversed positions
- As with all Corning Cable Systems housings, all of the accessories required to properly install the housing are included

Continued on next page >>

# Wall-mountable Hardware

(continued) Wall-mountable Interconnect Center (WIC)

**APPLICATIONS**

- Indoor wall-mount installations
- Horizontal cross-connects
- Low-fiber-count intermediate cross-connects
- Field termination or pigtail splicing
- PLC cabinets in manufacturing plants

**WALL-MOUNTABLE INTERCONNECT CENTER HOUSINGS**

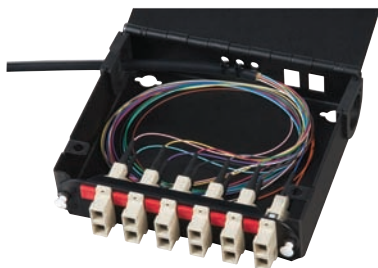
Anixter No.	Vendor No.	Description
278159	WIC-02P	Wall-mountable Interconnect Center, accepts two LANscape Solutions CCH connector panels or modules, and a maximum of three 0.2 in. or one 0.4 in. reduced-length splice trays; supplied with one CCH blank panel
278193	WIC-04P	Wall-mountable Interconnect Center, accepts four LANscape Solutions CCH connector panels or modules, and a maximum of three 0.2 in. or one 0.4 in. reduced-length splice trays; supplied with three CCH blank panels

**ACCESSORIES**

Anixter No.	Vendor No.	Description
289416	WIC2-DOOR	Jumper protection door for the WIC-02P; includes installation hardware
289417	WIC4-DOOR	Jumper protection door for the WIC-04P; includes installation hardware
185322	HDWR-LOCK-KIT	Lock kit for front door of housing; contains one lock with two keys
282009	HDWR-LOCK-KIT-2	Field-installable lock kit for inner door; contains two locks and two keys
526977	CCH-BLNK	Blank adapter panel, use with CCH enclosure
180677	WCH-STRNRLF-KIT	Optional external cable strain-relief kit that utilizes Corning Cable Systems Universal Cable Clamp; includes bracket, mounting hardware, one strain-relief clamp and one multi-cable insert that will hold up to five cables less than 0.4 inches in diameter

**Single Panel Housing (SPH-01P)**

CORNING CABLE SYSTEMS



The Corning Cable Systems Single Panel Housing (SPH-01P) is a cost-effective housing for storage, protection and termination of optical fiber cables. Accepting standard LANscape Solutions CCH connector panels, the housing offers protection for the fiber cable and connectors in the physical plant. This compact unit is ideal for use in

locations such as building entrance terminals, wiring closets, open office and other controlled environments where space is at a premium.

**FEATURES**

- Accepts one CCH connector panel
- Includes a 6-slot, 0.4 in. splice holder accommodating up to 12 heat-shrink splices
- Can be used for splice management, cross-connect or both for up to 12 fibers
- 1.5 in. projection from the wall minimizes space requirements for Corning Cable Systems smallest offering (2.0 in. including plungers)
- Excellent for interconnect and cross-connect functions
- Provided top and bottom cable entry grommets allow for midspan access and environmental sealing
- Cost effective for customer premises or remote locations
- Durable black metal housing
- As with all Corning Cable Systems housings, all of the accessories required to properly install the housing are included

**APPLICATIONS**

- Indoor wall-mount installations
- Telecommunications rooms, closets and enclosures, small spaces
- DOT Traffic Control cabinets and industrial PLC cabinets
- 12-fiber interconnect and splicing

**SINGLE PANEL HOUSING (SPH-01P)**

Anixter No.	Vendor No.	Description
313351	SPH-01P	Single panel wall-mount housing accommodating one CCH connector panel. Also includes a six-slot, 0.4 in. splice holder and can be used for splice management, cross-connect, or both up to 12 fibers. CCH panels ordered separately

**ACCESSORIES**

Anixter No.	Vendor No.	Description
313352	SPH-01P-BKT	Ledge-mount bracket used to mount to the top of a ledge

**Industrial Connector Housing (ICH)**

CORNING CABLE SYSTEMS



The Corning Cable Systems Industrial Connector Housing (ICH) family is ideal for manufacturing and industrial applications. The housings are fabricated from aluminum with a baked-on, black powder-coated finish. The ICH may be used indoors or out. It is designed to accommodate conduit with the provided concentric knockouts and accepts standard CCH connector panels and connector modules. Splicing is accomplished with the splice tray holding kit, which may be ordered separately.

# Wall-mountable Hardware

The units have a padlockable outer door and a separate inner door that protects the provider side of the unit from unauthorized access. The inner door may also be locked by using an optional key lock kit. Carrying a NEMA 250-1997 3S rating, the ICH is perfect for protecting the network infrastructure in industrial environments.

## FEATURES

- NEMA 250-1997 3S rated
- UL Listed to U.S. and Canadian safety standards
- Aluminum construction
- Tough, baked-on, smooth black powder-coated finish
- Accommodates conduit fittings
- Accepts standard CCH connector panels and modules
- Routing guides and cable strain-relief provisions included
- Gasketed hinged cover
- Keyhole mounting holes for fast installation
- Solid welded construction
- Supplied with blank CCH connector panels
- Grounding stud and bus bar included
- Padlockable with user-supplied padlock
- Inner door lockable with optional lock kit
- UCC cable clamp included
- Splicing available with optional splice kit
- As with all Corning Cable Systems housings, all of the accessories required to properly install the housing are included

## APPLICATIONS

- Manufacturing and industrial networks
- High fiber count to the work area or machine cell
- Optical fiber connectivity where a telecommunications room is not available
- Machine communications and process control
- Building automation systems

### INDUSTRIAL CONNECTOR HOUSING (ICH)

Anixter No.	Vendor No.	Description
250825	ICH-02P	Accepts two CCH connector panels or modules; supplied with blank panels and one UCC clamp kit
250826	ICH-06P	Accepts six CCH connector panels or modules; supplied with blank panels and one UCC clamp kit
250827	ICH-12P	Accepts 12 CCH connector panels or modules; supplied with blank panels and one UCC clamp kit

### ACCESSORIES

Anixter No.	Vendor No.	Description
185322	HDWR-LOCK-KIT	Lock kit for front door of housing; contains one lock with two keys
263462	FDC-CABLE-GRND	Armored cable grounding kit; contains one armored grounding clip and one ground strap
312958	ICH-SPLC-2	Splice tray holder kit for ICH-02P; contains tray bracket and retaining strap; accommodates four Type 2R or two Type 4R splice trays

**Anixter No. Vendor No.**  
312959 ICH-SPLC-6

**Description**  
Splice tray holder kit for ICH-02P; contains tray bracket and retaining strap; accommodates six Type 2R or three Type 4R splice trays

312960 ICH-SPLC-12

Splice tray holder kit for ICH-02P; contains tray bracket and retaining strap; accommodates 12 Type 2R or six Type 4R splice trays

## Industrial Splice Housing (ISH)

CORNING CABLE SYSTEMS



The Corning Cable Systems Industrial Splice Housing (ISH) is ideal for manufacturing and industrial applications. The housing is finished with a baked-on silver-gray powder-coated finish and may be used indoors or outdoors. Wall-mountable for transition splicing between cable at building entrance or pigtail splicing, the ISH provides storage and protection of fiber splices in individually accessible trays. The units have a padlockable outer door. The ISH is designed to accommodate conduit fittings with the provided plugs and reduction washer, and it accepts standard LANscape Solutions splice trays. The Industrial Splice Housing is also compatible with Corning Cable Systems Industrial Connector Housings ICH-02P-IND, ICH-06P-IND and ICH-12P-IND.

## FEATURES

- NEMA 250-1997 3S and IP64, 65, 66, 67 and 69 tested
- Accepts standard LANscape Solutions splice trays
- Keyhole mounting holes speed installation
- Padlockable with user-supplied padlock for secured access
- Reliability in harsh environments

### INDUSTRIAL SPLICE HOUSING (ISH)

Anixter No.	Vendor No.	Description
394415	ISH-12SPT	Industrial Splice Housing; accepts up to 12 Type 2S splice trays

### ACCESSORIES

Anixter No.	Vendor No.	Description
263462	FDC-CABLE-GRND	Armored cable grounding kit; contains one armored grounding clip and one ground strap

# Wall-mountable Hardware

## Environmental Distribution Center (EDC)

CORNING CABLE SYSTEMS



The Corning Cable Systems Environmental Distribution Center (EDC) product family incorporates design features that allow the product to better accommodate the changing requirements and growing needs of fiber optic networks. By improving on the original design, the EDC product family continues to set the standard for the future of interconnect hardware. As a component of Corning Cable Systems LANscape Fiber Cabling Solutions, the EDC will accept Closet Connector Housing (CCH) panels and splice trays.

Designed for the storage and protection of fiber optic connections and splices in indoor or outdoor environments, the EDC is ideal for industrial, marine, security or traffic control applications. The unit includes brackets required for mounting to a wall or pole. Accessories for the EDC include various fittings, a rack-mount kit and a grounding kit.

### FEATURES

- Composite construction offers outstanding chemical and temperature resistance and exhibits excellent weatherability
- Constructed of a low smoke zero halogen material
- Unit is easy to punch, drill, file or saw, making the installation of cable entry holes simpler
- Cover can be secured with corrosion-resistant, captive screws or quick-release latches that will also accept a user-supplied padlock if additional security is required
- Accepts the LANscape Solutions CCH panels (available in 6-, 8-, 12-, 16- or 24-fiber increments) for most popular adapter types including SC duplex, LC duplex and MT-RJ
- Brackets for wall- or pole-mounting are included
- Will accept splice trays that accommodate a variety of splicing techniques including fusion and mechanical splices for splicing or fan-out applications
- Suitable for loose-tube, tight-buffered and ribbon cable
- NEMA 4X rated
- As with all Corning Cable Systems housings, all of the accessories required to properly install the housing are included

### APPLICATIONS

Outdoor rated  
 Backbone cabling terminations in outdoor applications such as industrial, security or traffic control NEMA 4X rating  
 Field connectorization or pigtail splicing

### ENVIRONMENTAL DISTRIBUTION CENTER

Anixter No.	Vendor No.	Description
206695	EDC-02P-NH	Accepts two CCH panels and two Type 2R or one Type 4R reduced-length splice trays; no cable entry holes provided
206696	EDC-06P-NH	Accepts six CCH panels and six Type 2S or three Type 4S splice trays; no cable entry holes provided
223274	EDC-12P-NH	Accepts 12 CCH panels and 12 Type 2S, six Type 4S or six Type 4A splice trays; no cable entry holes provided

### ACCESSORIES

Anixter No.	Vendor No.	Description
267110	HDWR-GRND-KIT	Hardware grounding kit; includes two ground wires, one sheath ground clip and one ground bus



## Fiber Zone Box (F2B-04U)

CORNING CABLE SYSTEMS



The Corning Cable Systems Fiber Zone Box is a cabling infrastructure distribution facility ideal for passive applications in zone cabling applications. Equipped with a light seal to inhibit dust and liquid penetration, the Fiber Zone Box may be mounted in several ways. The unit is sized to fit a 2 ft. by 2 ft. drop ceiling opening or under the floor in the access flooring area of data centers, or it may be mounted to a wall. The Fiber Zone Box accepts up to 12 LANscape Pretium Solutions connector panels or LANscape Solutions Plug & Play Universal Systems Closet Connector Housing (CCH) connector modules for fiber termination and distribution. The unit is secured with a removable door containing a latch and a keyed lock.

### FEATURES

- Designed for use in passive data centers, or LAN or zone cabling applications
- Reconfigures to accept up to 4U of 19 in. rack-mountable equipment
- Reduces data center pathway congestion when used with multi-fiber Plug & Play Systems cable trunks
- Accepts LANscape Solutions CCH connector panels and Plug & Play Systems modules, which are available in all popular adapter types including LC, ST Compatible, SC and MT-RJ
- Equipped with key lock, ensuring security of unit
- Patch panel pivots back for connector access; can lock in tilted position or be returned to vertical
- UL Listed to United States and Canadian safety standards, NEMA 1, 2, 5, 12K rated
- White hinged and removable door matches ceiling tiles
- Twelve cable entry points, each containing 1 in. and 2.5 in. concentric knockouts
- Backplate easily removed by releasing four quick-release latches; this feature allows the user to bring the backplate assembly into the work area where the cable routing and connector installation can be done conveniently
- Accepts up to 24 buffer-tube fan-out kits
- As with all Corning Cable Systems housings, all of the accessories required to properly install the housing are included

### APPLICATIONS

Data center horizontal distribution areas  
Data center zone distribution areas  
LAN passive zone distribution area  
Interconnect or cross-connect point

#### FIBER ZONE BOX

Anixter No.	Vendor No.	Description
308958	FZB-04U	Fiber Zone Box accepts up to 12 CCH connector panels or CCH Plug & Play Systems modules or up to 4U of 19-in., rack-mountable patch panels. Includes two Universal Cable Clamps, edge grommet, labels and tie wraps

#### ACCESSORIES

Anixter No.	Vendor No.	Description
267529	UCC-001	Universal Cable Clamp; strain-relieves a cable with a diameter of 0.375 to 1.125 in.
286222	UCC-005	Universal Cable Clamp; strain-relieves up to five cables with a diameter smaller than 0.4 in.
262722	CPP-01U-PNL	Rack-mountable bracket; accepts two CCH style modules, 1U, 19 in.
251476	HDH-03P-01U-PNL	Rack-mountable bracket, 1U, accepts up to three HDH modules

## Corning Cable Systems

## Outlets

## Workstation Multimedia Outlet (WMO)

CORNING CABLE SYSTEMS



The Corning Cable Systems Workstation Multimedia Outlet (WMO) accepts both fiber optic adapters and copper jacks. The WMO can be surface-mounted on a single-gang electrical box (2 x 4 in.), or a dual-gang electrical box (4 x 4 in.). Surface raceway can be inserted into each connector panel location or the top of the unit. This allows for the large diversity of installation and cable routing methods.

**FEATURES**

- Flexibility in mounting: surface-mount, single-gang or dual-gang electrical box
- 1/2-in. and 3/4-in. surface raceway can be run into box at all connector panel locations; additionally, 1-in. raceway can be inserted into the top of the unit
- Designed with customer wiring and aesthetic needs in mind
- Unique color icons for easy viewing of connection and line identification
- Factory-installed fiber optic adapters save time during installation
- Panels available for SC, ST Compatible, and LC connectors, including the keyed LC system
- Internal routing guides provide protection of terminated and dark fibers and copper cabling
- The WMO accepts a maximum of five connector panels; standard configuration is three connector panels for down-the-wall routing
- Flammability rating of UL 94V-0 and an oxygen index of 35 per ASTM D 2863
- Strain-relief provisions available for incoming copper and fiber cables
- White color blends in with standard electrical outlets

**APPLICATIONS**

Voice, video and data in one outlet  
 Modular furniture offices  
 Fixed-wall offices  
 Schools and hospitals  
 Areas requiring an aesthetically pleasing outlet

**WORKSTATION MULTIMEDIA OUTLET**

Anixter No.	Vendor No.	Description
523365	WMO-85	White

**LOADED ADAPTER PANELS: TWO FIBER CONNECTIONS PER PANEL**

Note: Color is white

Anixter No.	Vendor No.	Description
271892	WMO-CP02-15T-85	ST Compatible, ceramic insert, composite housing, threaded
214770	WMO-CP02-25T-85	ST Compatible, composite insert, composite housing, threaded

Anixter No.	Vendor No.	Description
214732	WMO-CP02-57C-85	SC duplex, ceramic insert, composite housing, white panel
250830	WMO-CP02-A8-85	LC duplex, 62.5 $\mu$ m, ceramic insert, composite housing, white panel

**LOADED ADAPTER PANELS: FOUR FIBER CONNECTIONS PER PANEL**

Note: Color is white

Anixter No.	Vendor No.	Description
269058	WMO-CP04-A7-85	LC duplex, 62.5 $\mu$ m, metal insert, composite housing, white
214758	WMO-CP04-91-85	SC duplex, composite insert, composite housing

## Ruggedized Information Outlet (RIO)

CORNING CABLE SYSTEMS



Ideally suited for workstation high-traffic areas, the Corning Cable Systems Ruggedized Information Outlet (RIO) has a fiber capacity of four ports. The unit is available in two basic versions: shallow version or deep version. Covers include either a blank plate or a single-gang plate supplied by the end-user. The single-gang, wall-plate version (-SGX) is ideal for applications where end-users will supply their own copper jacks mounted in a third-party plate. The shallow version is used with single- or dual-gang electrical boxes where cable access is inside the wall. The deep version is intended for surface-mount applications, such as cinder block, where cables can't run inside the walls, but can be used with electrical boxes.

**FEATURES**

- Small 0.4-in. projection (shallow version); 2-in. projection (deep version)
- All-metal construction for ruggedness attached to the front door, visual jumper connection verification is easy
- Cable bend radius protection and strain-relief provisions located inside outlet
- Cover held on with four screws
- Copper jacks mount in cover, and fiber adapters mount in base for easy separation of media

**APPLICATIONS**

Used in applications where a robust outlet is required, including high-traffic workstations, industrial/manufacturing environments and hallways  
 Schools where a tamperproof outlet is needed

Anixter No.	Vendor No.	Description
173427	RIO-04-25T-S-D-35	ST Compatible, multimode, ceramic insert, accepts single-gang plate, deep base
255814	RIO-91-SGX-D	SC duplex, multimode, composite insert, accepts single-gang plate, deep base

### UCAO Splice Closure

CORNING CABLE SYSTEMS



The UCAO Splice Closure provides excellent environmental protection for optical fiber splices.

The UCAO facilitates easy installation and access with its unique hinged case. The lid is secured with metal clips that snap open or closed. Each UCAO closure is lightweight, compact and watertight. UCAO Splice Closures can be used in aerial, underground or direct-buried applications and accommodate up to 60 single-fiber splices.

The UCAO closure also features a modular splice tray stacker that holds up to five splice trays. Each closure comes equipped with reusable seals. No special tools are required for closure assembly and re-entry.

#### FEATURES

- Compact, lightweight design
- Hinged case with snap-open clips for easy access
- Accommodates five compact splice trays
- Equipped with reusable seals
- No special tools required
- No stress placed on finished splices within trays
- All required components are provided in one convenient carton
- Tested in accordance with GR-771

#### APPLICATIONS

- Can be used in through, branch or midspan-type splice locations
- Can be used in aerial, underground or direct-buried applications
- Accommodates up to 60 single-fiber splices (UCAO-05)
- Can be mounted on a pole, wall or stand

#### UCAO CLOSURE

Dimensions (H x W x D): 121 mm x 162 mm x 381 mm (5 in. x 6 in. x 15 in.)

Anixter No.	Vendor No.	Description
523380	UCAO-05	Accepts five trays

#### UCAO SPLICE TRAYS

Dimensions (H x W x D): 187 mm x 92 mm x 8 mm (7.4 in. x 3.6 in. x 0.33 in.)

Anixter No.	Vendor No.	Description
523381	UCAO-ST-01	UCAO splice tray; holds 12 bare-fiber or crimp-type protectors
523382	UCAO-ST-02	UCAO splice tray; holds 12 heat-shrink splice protectors
397665	UCAO-ST-03	UCAO splice tray; holds four mass fusion splice protectors
212103	UCAO-ST-04	UCAO splice tray; holds 12 CamSplice mechanical splices
397666	UCAO-ST-05	UCAO splice tray; holds six Fiberlok mechanical splices (requires UCAO-STKR-SP splice tray stacker)

#### ACCESSORIES

Anixter No.	Vendor No.	Description
200372	UCAO-AHD	Aerial hanging device
200373	UCAO-BK1	Wall- and pole-mount bracket
252245	UCAO-CK1	Additional cable entry kit
523383	UCAO-TP	Sealing tape
523384	UCAO-GND	Central member grounding kit

## Corning Cable Systems

# Splice Equipment

### CamSplice No-adhesive Mechanical Splice

CORNING CABLE SYSTEMS



Corning Cable Systems CamSplice is a simple, craft-friendly mechanical splice for both multimode and single-mode fibers. It features a "cam" locking mechanism, which requires no adhesive. The CamSplice mechanical splice incorporates a unique, patented fiber alignment method that self-centers the fibers and provides extremely accurate alignment. Average "blind" (non-tuned) splice loss for the CamSplice mechanical splice is specified at 0.15 dB, with a maximum splice loss of less than 0.3 dB. There is only one part for 250/250  $\mu\text{m}$ , 250/900  $\mu\text{m}$ , or 900/900  $\mu\text{m}$  applications (one size fits all).

Completed splices fit in Corning Cable Systems and many other industry standard splice trays.

#### FEATURES

- No adhesive or epoxy required
- Universal, one-part-fits-all fiber coatings
- Rematable, tunable
- No polishing required
- Self-centering fiber alignment mechanism
- Optional lead-in tubes for securing 900  $\mu\text{m}$  fibers
- Index-matching gel pre-inserted
- No stress on fiber in alignment area
- Small assembly fixture recommended, but optional
- Fits in industry-standard splice trays

#### APPLICATIONS

Pigtail splicing  
 Transition splice between listed and non-listed cables  
 Indoor or outdoor through or branch splicing  
 Emergency restoration

#### SPLICE PARTS

Anixter No.	Vendor No.	Description
129467	95-000-04	CamSplice Mechanical Splices (six per pack)

#### ACCESSORIES

Anixter No.	Vendor No.	Description
129468	TKT-100-01	CamSplice mechanical splice tool kit without cleaver
129625	TKT-100-02	CamSplice mechanical splice tool kit with cleaver
129469	2104040-01	CamSplice assembly fixture
086541	FBC-001	Fiber cleaver, score and snap
143321	FBC-006	Precision diamond cleaver for single-fiber applications

#### SPLICE TRAYS

Anixter No.	Vendor No.	Description
135182	M67-031	Tray for 12 mechanical splices - Type 2S. Dimensions: 29.7 x 9.9 x 0.5 cm (11.7 x 3.9 x 0.2 in.)
105030	M67-053	Aluminum Splice Tray; stores six CamSplice Mechanical Splices, Type 2R
125240	M67-061	Tray for six mechanical splices - Type 2R. Dimensions: 18.5 x 8.9 x 0.5 cm (7.3 x 3.5 x 0.2 in.)
514043	UST-024	Universal Splice Tray (organizers included for RTV fusion, heat-shrink fusion, mass fusion and mechanical splices) - Type 4A. Dimensions: 33 x 10.8 x 1.0 cm (13 x 4.25 x 0.4 in.)
124974	M67-070	Tray for up to 12 CamSplice mechanical splices - Type 4S. Dimensions: 29.7 x 9.9 x 1.0 cm (11.7 x 3.9 x 0.4 in.)

### OptiSplice M90e Fusion Splicer

CORNING CABLE SYSTEMS



The OptiSplice M90e Fusion Splicer is the ideal machine for networks where low-loss performance and high-end accuracy are imperative. The M90e Fusion Splicer offers the active core-alignment accuracy of Corning Cable Systems LID-SYSTEM Unit, along with the speed and versatility of a passive core-alignment technology known as the CDS. The M90e provides the most advanced set of features available, yielding top notch performance, while reducing training and maintenance costs, all in a compact, user-friendly fusion splicer.

#### FEATURES

- Graphical user interface for easy menu navigation
- On-board, interactive training videos - reduces training time and costs and includes operational and maintenance sections
- High-contrast 5.7-in. color touch screen with ambient light sensor for automatic adjustment of different lighting conditions, including direct sunlight
- Two-in-one alignment unit offering direct active core-alignment with LID-SYSTEM Unit technology and fast 3-axis camera-based passive core-alignment with CDS
- Fastest total splice cycle time on the market for a core-alignment fusion splicer (13 seconds splice time in CDS mode + 20 seconds oven = 33 seconds total cycle time typical)
- Utilizes automatic fusion time to optimize each splice (LID-SYSTEM Unit)
- Real splice loss measurement with LID-SYSTEM or splice loss estimation with CDS
- Auto-Start feature begins the splice process when the fiber flaps close

# Corning Cable Systems Splice Equipment

- Integrated global positioning system (GPS) for automatically adjusting for altitude changes, as well as storing splice location coordinates (GPS functionality can be disabled)

## OPTISPLICE M90E FUSION SPLICER

Anixter No.	Vendor No.	Description
373650	M90E-OSM-T-H	OptiSplice M90e Fusion Splicer with FBC-006 cleaver, carrying case with wheels, fast heat-shrink oven, splice tray holder, AC power supply with U.S. cord, Li-Ion battery with external charger, one-year limited warranty, operator's manual on CD, USB worklight, maintenance tool kit

## ACCESSORIES

Anixter No.	Vendor No.	Description
143321	FBC-006	Precision diamond cleaver for single-fiber applications
337216	FSA-022	Spare precise and durable (P&D) electrodes
364487	2820013-01	M90e / OptiSplice LID / M90i / X77i USB worklight
161239	2806031-01	Heat-shrink fusion splice protector parts, single-fiber (package of 50; 60 mm long)
272053	2806032-01	Heat-shrink fusion splice protector parts, single-fiber (package of 50; 40 mm long)
165918	FSA-012	Crimp & Go splice protector parts (package of 150)
144227	A0276859	Splice Pak splice protector, yellow, 250 $\mu$ m/250 $\mu$ m (package of 25)
160341	A0295149	Splice Pak splice protector, blue, 250 $\mu$ m/900 $\mu$ m (package of 25)
160342	A0295150	Splice Pak splice protector, green, 900 $\mu$ m/900 $\mu$ m (package of 25)
086550	M67-003	Fusion splicing tool kit
374863	TKT-SPLICE	Basic fusion splicing tool kit
209620	OFT-000	Optical fiber access tool for midspan access
374864	TKT-FIBERTECH-PRO	Advanced fiber optic cable prep and splicing tool kit

Additional configurations available. Contact your local sales representative for more information.

## OptiSplice CDS Fusion Splicer

### CORNING CABLE SYSTEMS



The Corning Cable Systems OptiSplice CDS Fusion Splicer is the ideal machine for networks where low-loss performance is imperative. Ideal for long-haul, CATV, telco, and LAN applications, it can accurately splice current, legacy, dissimilar and specialty fiber types.

The OptiSplice CDS Fusion Splicer offers the speed and versatility of a video-camera-based core-alignment technology known as the core detection system (CDS). The CDS works on both 250 and 900 micron fibers and offers the fastest total splice cycle time on the market for a core-alignment fusion splicer. The ultra-fast heat-shrink oven requires only 20 seconds heating time on industry standard 60 mm heat-shrinks.

## FEATURES

- Touch screen with graphical user interface
- Built-in interactive training videos
- 3-axis core-alignment by the CDS system
- Fastest total splice cycle time in the industry
- Two USB ports
- Integrated GPS system

## OPTISPLICE CDS FUSION SPLICER

Anixter No.	Vendor No.	Description
382718	OSMDS-OSM-T-H	OptiSplice CDS Fusion Splicer with FBC-006 cleaver, carrying case with wheels, fast heat-shrink oven, splice tray holder, AC power supply with U.S. cord, Li-Ion battery with external charger, one-year limited warranty, operator's manual on CD, USB worklight, maintenance tool kit

## ACCESSORIES

Anixter No.	Vendor No.	Description
143321	FBC-006	Precision diamond cleaver for single-fiber applications
337216	FSA-022	Spare precise and durable (P&D) electrodes
364487	2820013-01	M90e / OptiSplice LID / M90i / X77i USB worklight
161239	2806031-01	Heat-shrink fusion splice protector parts, single-fiber (package of 50; 60 mm long)
272053	2806032-01	Heat-shrink fusion splice protector parts, single-fiber (package of 50; 40 mm long)
165918	FSA-012	Crimp & Go splice protector parts (package of 150)

Continued on next page >>

# Splice Equipment

*(continued)* OptiSplice CDS Fusion Splicer

Anixter No.	Vendor No.	Description
144227	A0276859	Splice Pak splice protector, yellow, 250 $\mu$ m/250 $\mu$ m (package of 25)
160341	A0295149	Splice Pak splice protector, blue, 250 $\mu$ m/900 $\mu$ m (package of 25)
160342	A0295150	Splice Pak splice protector, green, 900 $\mu$ m/900 $\mu$ m (package of 25)
086550	M67-003	Fusion splicing tool kit
374863	TKT-SPLICE	Basic fusion splicing tool kit
209620	OFT-000	Optical fiber access tool for midspan access
374864	TKT-FIBERTECH-PRO	Advanced fiber optic cable prep and splicing tool kit

## OptiSplice One Handheld Fusion Splicer

CORNING CABLE SYSTEMS



Fastest total splice cycle time in the industry: 11 seconds splice + 20 seconds heat-shrink oven = 31 seconds typical.

High-capacity Li-Ion battery 200 splices with heat shrink oven typical.

### FEATURES

- Two-in-one alignment unit offering direct active alignment with LID-SYSTEM Unit Technology and fast 3-axis camera-based passive core-alignment with Core Detection System (CDS)
- Utilizes automatic fusion time to optimize each splice (LID-SYSTEM Unit)
- Real splice loss measurement with LID-SYSTEM or splice loss estimation with CDS
- Auto-Start feature begins the splice process when the fiber flaps close
- Integrated global positioning system (GPS) for automatically adjusting for altitude changes, as well as, storing splice location coordinates
- Includes an external AC power adapter and a high-capacity Li-Ion battery with external charger
- Rugged, watertight "carry-on" style carrying case
- Maintenance-free precise and durable (P&D) electrodes
- Ultra-fast heat-shrink oven (20 second heating time on 60 multimode heat-shrinks)
- USB work lamp (optional)
- Capable of building attenuators by using programmable splice loss programs (up to 10 dB)
- RDUP listed (formerly RUS)

### OPTISPLICE ONE HANDHELD FUSION SPLICER

Anixter No.	Vendor No.	Description
370438	OS1-OSM-T-H	OptiSplice One handheld fusion splicer with cleaver, one set of 250 $\mu$ m handlers, fast heat-shrink oven, carrying case, one Li-Ion battery, external battery charger, AC power supply with U.S. cord, operator's manual (English), detachable splice tray holder/screen cover and one-year limited warranty

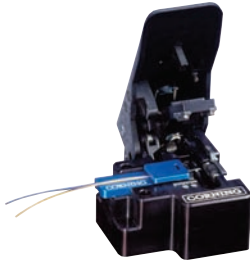
### ACCESSORIES

Anixter No.	Vendor No.	Description
143321	FBC-006	Precision diamond cleaver for single-fiber applications
371083	FBC-012	High-performance cleaver
374869	OS1-026	Spare electrodes
161239	2806031-01	Heat-shrink fusion splice protector parts, single-fiber (package of 50; 60 mm long)
374868	OS1-001	Crimp & Go splice protection crimping device
165918	FSA-012	Crimp & Go splice protector parts (package of 150)
374870	OS1-002	Splice Pak splice protector crimping device for OptiSplice One handheld fusion splicer
144227	A0276859	Splice Pak splice protector, yellow, 250 $\mu$ m/250 $\mu$ m (package of 25)
160341	A0295149	Splice Pak splice protector, blue, 250 $\mu$ m/900 $\mu$ m (package of 25)
160342	A0295150	Splice Pak splice protector, green, 900 $\mu$ m/900 $\mu$ m (package of 25)
086550	M67-003	Fusion splicing tool kit
374863	TKT-SPLICE	Basic fusion splicing tool kit
374872	OS-ADAPT900-1	Fiber handler set for coated 900 $\mu$ m single-fiber
209620	OFT-000	Optical fiber access tool for midspan access
374873	OS-LIIONBATT-1	Spare Li-Ion battery
374874	OS-003	Shoulder harness and universal tripod mount
374875	OS-004	Aerial splicing platform kit

## Fiber Cleavers

CORNING CABLE SYSTEMS

FBC-012



Corning Cable Systems FBC-012 Mass Fiber Cleaver provides excellent cleaves of one to 12 fibers using a simple one-step operation. The cleaver comes with a universal single-fiber guide that may be used when cleaving single fibers. The removable guide allows the cleaver to hold common fiber handling adapters of mass fusion splicers or fiber handlers for UniCam Connector installation. The 12-position blade can be replaced in the field.

Anixter No.	Vendor No.	Description
371083	FBC-012	High-performance cleaver
FBC-006		



This cleaver provides smooth, flat, perpendicular fiber end-faces (typically  $<0.7^\circ$ ) necessary for low-loss fusion or mechanical splicing. Fast and easy to use, it produces high-quality, repeatable cleaves for multimode and single-mode fibers in one simple step. The unit cleaves all 250  $\mu\text{m}$  coated fibers and 900  $\mu\text{m}$  buffered fibers.

Anixter No.	Vendor No.	Description
143321	FBC-006	Precision diamond cleaver for single-fiber applications
187848	FBC-006-01	Replacement diamond blade for FBC-006 cleaver
FBC-001		

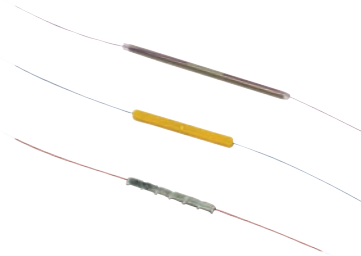


The least expensive of all Corning Cable Systems cleavers, the FBC-001 is adequate ( $<2^\circ$ ) for cleaving fiber ends for OTDR access (through a lab splice or XYZ stage), multimode and single-mode mechanical splicing, and UniCam connector installation.

Anixter No.	Vendor No.	Description
086541	FBC-001	Fiber cleaver, score and snap

## Fusion Splice Protection

CORNING CABLE SYSTEMS



Corning Cable Systems offers a variety of splice protection choices to meet your needs. All the types of protection pictured and described here allow individual fiber access in the splice tray. Corning Cable Systems offers heat-shrink protection in both single-fiber and multi-fiber versions.

### HEAT-SHRINK SINGLE- OR MULTI-FIBER SPLICE PROTECTOR

Heat-shrinkable splice protection continues to be the most popular method to protect fusion splices. The sleeve securely protects the fusion splice on either 250 or 900  $\mu\text{m}$  coated fibers, while offering individual access to each fusion splice. Corning Cable Systems Heat-shrink Sleeves are compatible with most splice trays offered and are compatible with all heat-shrink ovens offered with Corning Cable Systems Fusion Splicers. Corning Cable Systems offers both single-fiber and multi-fiber heat-shrink sleeves.

### SPLICE PAK SINGLE-FIBER SPLICE PROTECTOR

The Splice Pak Splice Protector is a cost-effective alternative to the heat-shrink protective sleeve. It has a plastic clamshell design with an adhesive applied to the inside surface. The Splice Pak Splice Protector requires no power for assembly, thus extending the battery life of the fusion splicer. The Splice Pak Splice Protector is offered in three types for different fiber diameter combinations.

### CRIMP & GO SINGLE-FIBER SPLICE PROTECTOR

The Crimp & Go Splice Protector encloses the splice within an aluminum sleeve sealed with an elastic material. Like the Splice Pak Splice Protector, the Crimp & Go Splice Protector requires no power for assembly, thus extending the battery life of the fusion splicer.

Anixter No.	Vendor No.	Description
161239	2806031-01	Heat-shrink fusion splice protector parts, single-fiber (package of 50; 60 mm long)
272053	2806032-01	Heat-shrink fusion splice protector parts, single-fiber (package of 50; 40 mm long)
219339	2806031-012	Heat-Shrink Mass Splice Protector parts, 6- or 12-fiber ribbon (package of 25; 40 mm long)
165918	FSA-012	Crimp & Go splice protector parts (package of 150)
144227	A0276859	Splice Pak splice protector, yellow, 250 $\mu\text{m}$ /250 $\mu\text{m}$ (package of 25)
160341	A0295149	Splice Pak splice protector, blue, 250 $\mu\text{m}$ /900 $\mu\text{m}$ (package of 25)
160342	A0295150	Splice Pak splice protector, green, 900 $\mu\text{m}$ /900 $\mu\text{m}$ (package of 25)

# Splice Equipment

## Fiber Optic Splicing Tool Kits

### CORNING CABLE SYSTEMS

Corning Cable Systems tool kits provide the craftsman with a collection of essential tools required for tasks associated with the installation, maintenance and termination of fiber optic cable. The tools used in the kits are thoughtfully assembled and are stored in high-quality cases, keeping them safe, neat and in proper working order.

#### FUSION SPLICING TOOL KIT



This kit is designed to be compatible with fusion splicers. It includes tools and supplies required for cable jacket removal and fusion splicing.  
Contents: LST-000-016

Anixter No.	Vendor No.	Description
086550	M67-003	Fusion splicing tool kit
153567	M67-004	Fusion splicing consumables kit, replenishes the M67-003 tool kit

#### CAMSPICE MECHANICAL SPLICE TOOL KIT WITHOUT CLEAVER



Includes assembly tool, buffer tube cutting tool, fiber coating stripping tool and other miscellaneous items required for splicing. Kit comes in compact carrying case. Assembly tool can be ordered separately. Contents: LST-000-050

Anixter No.	Vendor No.	Description
129468	TKT-100-01	CamSplice mechanical splice tool kit without cleaver
129625	TKT-100-02	CamSplice mechanical splice tool kit with cleaver



## Fiber-Clean Towelettes

CORNING CABLE SYSTEMS



Corning Cable Systems Fiber-Clean Towelettes are specifically designed to improve the efficiency of cleaning telecommunications cabling. Fiber-Clean is more economical, convenient, and safe, and it is superior in terms of cleaning properties versus the traditional cleaners used for gel removal and fiber splicing. This intelligent cleaner contains several novel components that easily remove buffer tube gels, water-blocking compounds, and more importantly, contaminants on an optical fiber prior to splicing and connectorization.

### APPLICATIONS

All fiber optic cleaning needs  
Copper applications

Anixter No.	Vendor No.	Description
196997	FC-45-1	45 towelettes (6 in. x 7.75 in.) in a "pop-up" canister (6.75 in. H x 4.0 in. W)
526399	FC-45-12	45 towels in a pop-up canister (12 canisters per pack)

## Single-Fiber and Multi-Fiber Connector Cleaning Kits

CORNING CABLE SYSTEMS

Corning Cable Systems Single-Fiber and Multi-Fiber Connector Cleaning Kits are designed for effective cleaning and visual inspection of fiber optic connector end-faces in LAN, central office and outside plant environments, whether fully accessible or through an adapter. Whether performing a 'dry' clean, 'wet' clean or a combination of the two, each kit offers all the products recommended for cleaning connectors. Since electrostatic discharge (ESD) is a concern during a 'dry' clean, these kits contain cleaners specifically formulated to dissipate static when the end-face is pulled across a cleaner surface or a stick is inserted into an adapter. To facilitate end-face inspection prior to mating, as recommended, a 200x microscope is included in the deluxe kits. Consumables can be purchased individually to restock the kits when needed.

### FEATURES

- Solvents are non-hazardous and ozone-safe: shippable by air
- Contains product for 'wet' and 'dry' cleaning: convenience and versatility
- Cleaners for 'dry' clean dissipate static: addresses electrostatic discharge (ESD) concerns
- 200x microscope (deluxe kits) for inspection: ensures no debris during connector mating

## DELUXE SINGLE-FIBER CONNECTOR CLEANING KIT



Deluxe Kits contain recommended products to effectively clean and inspect 2.5 mm and 1.25 mm single-fiber connectors. Includes all items listed below.

Anixter No.	Vendor No.	Description
397786	CLEANER-CONN-REEL	Single-fiber connector cleaning reel
352625	200FM	200x microscope with universal 2.5 mm adapter
347826	FMFA-U12	Universal Adapter, for any 1.25 mm ferrule (LC, MU, etc.)
348034	FCC-WIPES	Package of Corning wipes, 90 pcs/pk.
397789	CLEAN-STICKS-125	Sticks; 1.25 mm (10/pk)
397790	CLEAN-STICKS-250	Sticks; 2.5 mm (10/pk)
397792	SRP-006-135	Recommended cleaning procedure for fiber cleaning kits
397793	CLEANER-CASE-SFT	Padded carrying case

## BASIC SINGLE-FIBER CONNECTOR CLEANING KIT

Includes all items listed below.

Anixter No.	Vendor No.	Description
397794	TKT-CLEAN-SFC	Basic Single-Fiber Connector Cleaning Kit
397786	CLEANER-CONN-REEL	Single-fiber connector cleaning reel
397787	FCC-CLEANER-CONN	Fiber optic connector cleaning fluid
348034	FCC-WIPES	Package of Corning wipes, 90 pcs/pk.
397789	CLEAN-STICKS-125	Sticks; 1.25 mm (10/pk)
397790	CLEAN-STICKS-250	Sticks; 2.5 mm (10/pk)
397792	SRP-006-135	Recommended cleaning procedure for fiber cleaning kits
397793	CLEANER-CASE-SFT	Padded carrying case

Continued on next page >>

# Tools and Supplies

(continued) Single-Fiber and Multi-Fiber Connector Cleaning Kits

## DELUXE MULTI-FIBER CONNECTOR CLEANING KIT



Deluxe Kits contain recommended products to effectively clean and inspect multi-fiber connectors such as MT-RJ and MTP Connectors. Includes all items listed below.

Anixter No.	Vendor No.	Description
234819	CLEANER-UNIV-CASS	Universal connector cleaning cassette
397787	FCC-CLEANER-CONN	Fiber optic connector cleaning fluid
352625	200FM	200x microscope with universal 2.5 mm adapter
397796	FMFA-MTP	Adapter for 200FM; allows visual inspection of MTP connectors
397797	FMFA-MTRJ	Adapter for 200FM; allows visual inspection of MT-RJ connectors
348034	FCC-WIPES	Package of Corning wipes, 90 pcs/pk.
397798	SRP-006-136	Recommended multi-fiber cleaning procedure for fiber cleaning kits
397793	CLEANER-CASE-SFT	Padded carrying case
397799	2104478-01	OptiTip connector cleaning tool

## BASIC MULTI-FIBER CONNECTOR CLEANING KIT

Includes all items listed below.

Anixter No.	Vendor No.	Description
397801	TKT-CLEAN-MFC	Basic Multi-Fiber Connector Cleaning Kit
234819	CLEANER-UNIV-CASS	Universal connector cleaning cassette
397787	FCC-CLEANER-CONN	Fiber optic connector cleaning fluid
348034	FCC-WIPES	Package of Corning wipes, 90 pcs/pk.
397798	SRP-006-136	Recommended multi-fiber cleaning procedure for fiber cleaning kits
397793	CLEANER-CASE-SFT	Padded carrying case
397799	2104478-01	OptiTip connector cleaning tool

## Universal Connector Cleaning Cassette

CORNING CABLE SYSTEMS



### FEATURES

- Cleans all connectors with accessible ferrules, including pinned versions (i.e., UniCam MTP connectors)
- Works on pinned as well as pinless connectors
- Pin clearance runner behind cleaning strip allows cleaning strip to fit between connector pins
- Two clearly marked zones: MT-RJ pinned and pinless connectors
- Compact size and disposable
- Cleaning instructions permanently marked on the cassette
- Only cleaning cassette that will clean pinned MTP connectors

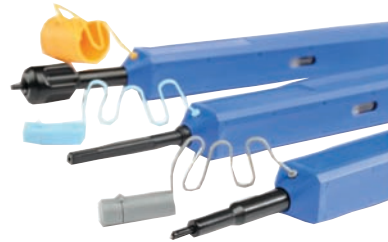
### APPLICATIONS

MTP pinned/pinless connectors  
All other connectors using an accessible ferrule

Anixter No.	Vendor No.	Description
234819	CLEANER-UNIV-CASS	Universal connector cleaning cassette

## Single-Fiber Port Cleaners

CORNING CABLE SYSTEMS



Single-Fiber Port Cleaners are designed to clean connector end-faces in patch panels and adapters. An integrated dust cap allows for cleaning unmated connector end-faces. Single-fiber port cleaners are proven effective for removing the following from connector end-faces: skin oil, hand lotion, Arizona road dust, pre- and post-mate graphite, salt, isopropyl and distilled water residues. These cleaners are simple to use and offer over 525 cleanings.

## FEATURES

- Cleaning system rotates 180 degrees to provide a full cleaning of the connector end-face
- Extendable tip allows for cleaning in hard-to-reach spaces
- Cleaning fibers dissipate static to alleviate any electrostatic discharge concerns
- Easy-to-use pushing motion engages connector and initiates connector end-face cleaning

Anixter No.	Vendor No.	Description
391035	CLEANER-PORT-2.5	Single-Fiber Port Cleaner for all 2.5 mm ferrule connectors such as FC, ST and SC; effective for PC, UPC and APC polishes
391036	CLEANER-PORT-LC	Single-Fiber Port Cleaner for LC, keyed LC and MU for both UPC and APC polishes
391040	CLEANER-PORT-OTAP	Single-Fiber Port Cleaner for OptiTap Connector end faces

## Connector Removal Tool

CORNING CABLE SYSTEMS



Corning Cable Systems Connector Removal Tool (CRT-001) is designed to allow for easy removal and insertion of SC and small-form-factor connectors in high-density patch panels. Comes with an integrated flashlight to enable visibility in densely populated enclosures and low-light situations. Designed for comfortable one-handed operation, it features long, narrow jaws with universal tips that make connector insertion and removal easy, even in high-density patch panels.

## FEATURES

- Integrated flashlight for increased visibility in dark patch panels
- Comfortable design makes it easy for small or large hands to use
- Long, narrow jaws smooth connector insertion and removal
- Contoured notch on one side of tip ensures proper latching

Anixter No.	Vendor No.	Description
333600	CRT-001	Connector Removal Tool with integrated flashlight and two standard AAA batteries

## Stripping Tools

CORNING CABLE SYSTEMS

Anixter No.	Vendor No.	Description
193640	3205004-01	Miller tool fiber stripper
347857	2104502-01	Dual hole tool fiber stripper
504873	3206001-01	Jacket stripper (1.6 mm to 5.0 mm)

## Scribe/Scoring Tools

CORNING CABLE SYSTEMS

Anixter No.	Vendor No.	Description
529843	3233004-01	Ruby blade scribe

## Adhesive Applicators

CORNING CABLE SYSTEMS

Syringe tips are used to apply adhesive evenly and cleanly inside the connector tip and body. Pink tip.

Anixter No.	Vendor No.	Description
523923	2104069-02	For UV and epoxy adhesives (pink tip)

## Polishing Film

CORNING CABLE SYSTEMS

Anixter No.	Vendor No.	Description
169422	2104071-01	Dark yellow, 12 micron, 5 in. diameter (15 per pack)
123287	2104003-01	Yellow, 0.5 micron, 5 in. diameter (50 per pack)
366944	1506060-01	1 micron, crystallized white-alumina-coated flock film, 5 in. disk without PSA backing
376235	1506101-01	2 micron, silicon-carbide flat film, 5 in. disk without PSA backing

# Cable Assemblies

## Patch Cords for Data Center Applications

CORNING CABLE SYSTEMS



Optical fiber cable can have connectors installed on one or both ends. If connectors are attached to only one end of a cable, it is known as a pigtail. If connectors are attached to both ends, it is known as a jumper or patch cord.

### FEATURES

- 100 percent optically tested
- Wide variety of connector options available
- Insertion loss and reflectance measured on every connector
- Ultra PC- and angled PC-connector performance available
- All assemblies shipped with individual cleaning and handling instructions
- Factory termination results in superior performance
- Advanced assembly and polishing techniques
- Available with single-mode, 50/125  $\mu\text{m}$  and 62.5/125  $\mu\text{m}$  fiber
- Assemblies available in a wide variety of fiber counts and cable constructions, both indoor and outdoor
- If under 200 meters, a mode-conditioned patch cord

### APPLICATIONS

General use of patch cords includes the interconnection of the optical fiber cable plant with opto-electronic equipment, and/or the cross-connection between cable plant segments. Pigtails are used to splice terminated fibers as an alternative to using field-installable connectors

#### SC-TO-SC MODE-CONDITIONING PATCH CORD 62.5/125

Anixter No.	Vendor No.	Description
200033	5757722K8MC002M	2 m
200561	5757722K8MC005M	5 m
200034	5757722K8MC010M	10 m

#### SC-TO-ST MODE-CONDITIONING PATCH CORD 62.5/125 FOR ST CABLE PLANTS

NOTE: SC connects to electronics

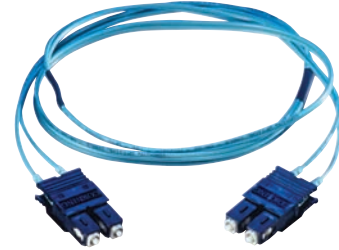
Anixter No.	Vendor No.	Description
200996	5057722K8MC002M	2 m
200999	5057722K8MC005M	5 m
200997	5057722K8MC010M	10 m

#### ACCESSORIES

Anixter No.	Vendor No.	Description
123252	TKT-011	Connector Cleaning Kit for FC, PC and ST Compatible connectors and adapters
234819	CLEANER-UNIV-CASS	Universal connector cleaning cassette

## MT-RJ Fiber Cable Assemblies

CORNING CABLE SYSTEMS



As the industry's leading supplier of single-mode cable assemblies, Corning Cable Systems offers the most complete line of connectors and factory-terminated cables. From single-fiber jumpers to high-fiber-count assemblies, Corning Cable Systems products meet or exceed all industry standards for reflectance and insertion loss. Corning Cable Systems state-of-the-art manufacturing process ensures unsurpassed connector performance. Corning thoroughly screens the fibers and ferrules at the beginning, assembles and polishes them in a carefully monitored and controlled process, and quality tests the assemblies at the end. This assembly and polishing process ensures the same outstanding quality in every connector.

### Technical Information & Standards

2-fiber, dual connect, single ferrule design

RJ-style snag-free latch

Multimode and single-mode performance to TIA specifications

High-density interconnect compatible with MT-RJ small form factor transceivers

#### MT-RJ TO MT-RJ CABLE ASSEMBLY, 62.5/125

Anixter No.	Vendor No.	Description
528640	979702KJ140001M	1 meter
528641	979702KJ140002M	2 meter
528642	979702KJ140003M	3 meter
528643	979702KJ140005M	5 meter
200558	979702KJ140010M	10 meter

#### MT-RJ TO SC DUPLEX CABLE ASSEMBLY, 62.5/125

Anixter No.	Vendor No.	Description
528636	579702KJ140001M	1 meter
200522	579702KJ140002M	2 meter
200523	579702KJ140003M	3 meter
200524	579702KJ140005M	5 meter
200525	579702KJ140010M	10 meter

#### MT-RJ TO ST DUPLEX CABLE ASSEMBLY CERAMIC, 62.5/125

Anixter No.	Vendor No.	Description
200526	509702KJ140001M	1 meter
200542	509702KJ140002M	2 meter
200543	509702KJ140003M	3 meter
200544	509702KJ140005M	5 meter
200545	509702KJ140010M	10 meter

# Outdoor Cables

## Application Notes

### Fiber

A fiber is a hair-thin, all-glass strand that conducts light. The fiber consists of two solid portions: the core and the cladding. These two portions CANNOT be separated. The light travels through the core while the cladding keeps the light contained within the core. This is accomplished by having a different index of refraction between the core and cladding. There are two types of fibers: multimode and single-mode.

**FIBER SIZE** -- The fiber size is given as two numbers, the core diameter and the cladding diameter, respectively. For example, 62.5/125 μm is a fiber with a 62.5 μm core that has a 125 μm cladding. The unit of measure for these diameters is micron, abbreviated μ (one one-millionth of a meter or 1 x 10<sup>-6</sup> m). Core sizes commonly available for multimode fibers are 50 and 62.5 microns while single-mode cores are 8 to 10 microns.

**PRIMARY COATING** -- When the fiber is manufactured, it is initially protected with what is called the primary coating. This clear coating is typically made of acrylate and exists on virtually ALL fibers. The purpose of the primary coating is to give the fiber added strength during cabling and general ruggedness in the field during splicing or connectorization. The diameter of this primary coating is most often 250 μm. **IMPORTANT:** This coating must be stripped off of the fiber before a connector or splice module can be installed.

## Outdoor Loose Tube All Dry Cable

### COMMSCOPE-ENTERPRISE SOLUTIONS

CommScope all dry outside plant stranded loose tube cables deliver the same proven quality and performance offered in all CommScope cabling solutions. The armored and all-dielectric designs are suitable for direct buried, aerial and conduit applications. The construction features the use of dry water-blocking elements and reduced diameter buffer tubes, yielding a lightweight, smaller cable. The result is a fiber optic cable that is an ideal transmission medium for the outside plant environment. These designs are available with any of the high-performance CommScope fiber types, including TeraSPEED Zero Water Peak single-mode fiber and the LazrSPEED multimode fibers. The standard jacket material is medium density polyethylene (MDPE), with an optional high density polyethylene (HDPE) jacket available. Additionally, the fiber and buffer tubes are color coded for easy identification.



### SPECIFICATIONS

1. Operating temperature: -40°F to 158°F (-40°C to 70°C) (Test Method: FOTP - 3 IEC 60794-1-2-F1)
2. Installation temperature: -22°F to 140°F (-30°C to 60°C)
3. Storage temperature: -40°F to 167°F (-40°C to 75°C)
4. Crush resistance: 250 lb./in. (44 N/mm) (Test Method: FOTP - 41 IEC 60794-1-2-E3)
5. Impact resistance: 4.34 lb./ft. (5.8 N-m) (Test Method: FOTP - 25 IEC 60794-1-2-E4)
6. Flexing: exceeds 25 cycles (Test Method: FOTP - 104 IEC 60794-1-2-E6)
7. Twist bend: exceeds (Test Method: FOTP - 85 IEC 60794-1-2-E7)
8. Tensile performance: short-term/long-term load 2700 N/600 N (Test Methods: FOTP - 33, 38, IEC 60794-1-2-E1A, E1B)

### FEATURES

- All dry construction removes filling gels and flooding compounds from the cable
- Significantly reduces cable preparation time
- Eliminates the need for solvents and other consumables during cable preparation
- Improves cleanliness of work environment
- Provides full water-blocking protection for outside plant applications
- Reduces cable weight
- Reduced diameter buffer tubes utilized in the cable constructions
- Reduces overall cable diameter, allowing better duct utilization
- Allows for tighter cable bend radius, loaded and unloaded
- Compatible with all COMMSCOPE apparatus

OPTISPEED 62.5/125 MULTIMODE, OM1, DIELECTRIC

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); bandwidth OFL: 220/500 MHz • km (850/1300 nm); one Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius				Material ID
					Installation		Long Term		Installation		Long Term		
			(lb.)	(N)	(lb.)	(N)	(in.)	(cm)	(in.)	(cm)	(in.)	(cm)	
372-COMOM1-LTD-12	D-012-LN-6F-F12NS	12	0.40	10.2	607	2700	180	800	8.0	20.4	4.0	10.2	760053959
372-COMOM1-LTD-24	D-024-LN-6F-F12NS	24	0.40	10.2	607	2700	180	800	8.0	20.4	4.0	10.2	760053967

Continued on next page >>

# Outdoor Cables

(continued) Outdoor Loose Tube All Dry Cable

**OPTISPEED 62.5/125 MULTIMODE, OM1, METALLIC**

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); bandwidth OFL: 220/500 MHz • km (850/1300 nm); one Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius				Material ID
					Installation		Long Term		Installation		Long Term		
			(lb.)	(N)	(lb.)	(N)	(in.)	(cm)	(in.)	(cm)	(in.)	(cm)	
372-COMOM1-LTA-12	D-012-LA-6F-F12NS	12	0.46	11.6	607	2700	180	111	9.2	23.3	4.6	11.7	760053397
372-COMOM1-LTA-24	D-024-LA-6F-F12NS	24	0.46	11.6	607	2700	180	800	9.2	23.3	4.6	11.7	760053405

**LAZRSPEED 300 LASER-OPTIMIZED 50/125 MULTIMODE, OM3, DIELECTRIC**

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); bandwidth OFL: 700/500 MHz • km (850/1300 nm); bandwidth laser: 950/500 (850/1300 nm); one Gigabit Ethernet distance: 800/600 m (850/1300 nm); 10 Gigabit Ethernet distance: 150 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius				Material ID
					Installation		Long Term		Installation		Long Term		
			(lb.)	(N)	(lb.)	(N)	(in.)	(cm)	(in.)	(cm)	(in.)	(cm)	
372-COMOM3-LTD-06	D-006-LN-5L-F06NS	6	0.40	10.2	607	2700	180	800	8.0	20.4	4.0	10.2	760054163
372-COMOM3-LTD-12	D-012-LN-5L-F12NS	12	0.40	10.2	607	2700	180	800	8.0	20.4	4.0	10.2	760054171
372-COMOM3-LTD-24	D-024-LN-5L-F12NS	24	0.40	10.2	607	2700	180	800	8.0	20.4	4.0	10.2	760054189
372-COMOM3-LTD-48	D-048-LN-5L-F12NS	48	0.40	10.2	607	2700	180	800	8.0	20.4	4.0	10.2	760054205
372-COMOM3-LTD-72	D-072-LN-5L-F12NS	72	0.42	10.6	607	2700	180	800	8.4	21.2	4.2	10.6	760054221
372-COMOM3-LTD-144	D-144-LN-5L-F12NS	144	0.62	15.8	607	2700	180	800	12.5	31.7	6.2	15.8	760054247

**LAZRSPEED 300 LASER-OPTIMIZED 50/125 MULTIMODE, OM3, METALLIC**

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); bandwidth OFL: 700/500 MHz • km (850/1300 nm); bandwidth laser: 950/500 (850/1300 nm); one Gigabit Ethernet distance: 800/600 m (850/1300 nm); 10 Gigabit Ethernet distance: 150 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius				Material ID
					Installation		Long Term		Installation		Long Term		
			(lb.)	(N)	(lb.)	(N)	(in.)	(cm)	(in.)	(cm)	(in.)	(cm)	
372-COMOM3-LTA-06	D-006-LA-5L-F06NS	6	0.46	11.6	607	2700	180	800	9.2	23.3	4.6	11.7	760053611
372-COMOM3-LTA-12	D-012-LA-5L-F12NS	12	0.46	11.6	607	2700	180	800	9.2	23.3	4.6	11.7	760053629
372-COMOM3-LTA-24	D-024-LA-5L-F12NS	24	0.46	11.6	607	2700	180	800	9.2	23.3	4.6	11.7	760053637

**LAZRSPEED 550 LASER-OPTIMIZED 50/125 MULTIMODE, OM4, DIELECTRIC**

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); bandwidth OFL: 3,500/500 MHz • km (850/1300 nm); bandwidth laser: 4,700/500 (850/1300 nm); one Gigabit Ethernet distance: 1,100/600 m (850/1300 nm); 10 Gigabit Ethernet distance: 550 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius				Material ID
					Installation		Long Term		Installation		Long Term		
			(lb.)	(N)	(lb.)	(N)	(in.)	(cm)	(in.)	(cm)	(in.)	(cm)	
372-COMOM4-LTD-12	D-012-LN-5K-F12NS	12	0.40	10.2	607	2700	180	800	8.0	20.4	4.0	10.2	760054288
372-COMOM4-LTD-24	D-024-LN-5K-F12NS	24	0.40	10.2	607	2700	180	800	8.0	20.4	4.0	10.2	760054296
372-COMOM4-LTD-48	D-048-LN-5K-F12NS	48	0.40	10.2	607	2700	180	800	8.0	20.4	4.0	10.2	760054312
372-COMOM4-LTD-144	D-144-LN-5K-F12NS	144	0.62	15.8	607	2700	180	800	12.5	31.7	6.2	15.8	760054353
372-COMOM4-LTD-288	D-288-LN-5K-F12NS	288	0.72	18.2	607	2700	180	800	14.3	36.4	7.2	18.2	760054361

**LAZRSPEED 550 LASER-OPTIMIZED 50/125 MULTIMODE, OM4, METALLIC**

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); bandwidth OFL: 3,500/500 MHz • km (850/1300 nm); bandwidth laser: 4,700/500 (850/1300 nm); one Gigabit Ethernet distance: 1,100/600 m (850/1300 nm); 10 Gigabit Ethernet distance: 550 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius				Material ID
					Installation		Long Term		Installation		Long Term		
			(lb.)	(N)	(lb.)	(N)	(in.)	(cm)	(in.)	(cm)	(in.)	(cm)	
372-COMOM4-LTA-12	D-012-LA-5K-F12NS	12	0.46	11.6	607	2700	180	800	9.2	23.3	4.6	11.7	760053736
372-COMOM4-LTA-24	D-024-LA-5K-F12NS	24	0.46	11.6	607	2700	180	800	9.2	23.3	4.6	11.7	760053744
372-COMOM4-LTA-36	D-036-LA-5K-F12NS	36	0.46	11.6	607	2700	180	800	9.2	23.3	4.6	11.7	760053751
372-COMOM4-LTA-48	D-048-LA-5K-F12NS	48	0.46	11.6	607	2700	180	800	9.2	23.3	4.6	11.7	760053769

## Outdoor Cables

TERASPEED 8.3/125 ZERO WATER PEAK SINGLE-MODE, DIELECTRIC  
Maximum attenuation: 0.34/0.31/0.22 dB/km (1310/1385/1550 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius				Material ID
					Installation		Long Term		Installation		Long Term		
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)	
372-COMOS2-LTD-02	D-002-LN-8W-F02NS	2	0.40	10.2	607	2700	180	800	8.0	20.4	4.0	10.2	760053827
372-COMOS2-LTD-06	D-006-LN-8W-F06NS	6	0.40	10.2	607	2700	180	800	8.0	20.4	4.0	10.2	760053835
372-COMOS2-LTD-12	D-012-LN-8W-F12NS	12	0.40	10.2	607	2700	180	800	8.0	20.4	4.0	10.2	760053843
372-COMOS2-LTD-24	D-024-LN-8W-F12NS	24	0.40	10.2	607	2700	180	800	8.0	20.4	4.0	10.2	760053850
372-COMOS2-LTD-48	D-048-LN-8W-F12NS	48	0.40	10.2	607	2700	180	800	8.0	20.4	4.0	10.2	760053876
372-COMOS2-LTD-72	D-072-LN-8W-F12NS	72	0.20	10.6	607	2700	180	800	8.4	21.2	4.2	10.6	760053892
372-COMOS2-LTD-288	D-288-LN-8W-F12NS	288	0.72	18.52	607	2700	180	800	14.3	36.4	7.2	18.2	760053926

TERASPEED 8.3/125 ZERO WATER PEAK SINGLE-MODE, METALLIC  
Maximum attenuation: 0.34/0.31/0.22 dB/km (1310/1385/1550 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius				Material ID
					Installation		Long Term		Installation		Long Term		
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)	
372-COMOS2-LTA-06	D-006-LA-8W-F06NS	6	0.46	11.6	607	2700	180	800	9.2	23.3	4.6	11.7	760053272
372-COMOS2-LTA-12	D-012-LA-8W-F12NS	12	0.46	11.6	607	2700	180	800	9.2	23.3	4.6	11.7	760053280
372-COMOS2-LTA-24	D-024-LA-8W-F12NS	24	0.46	11.6	607	2700	180	800	9.2	23.3	4.6	11.7	760053298
372-COMOS2-LTA-36	D-036-LA-8W-F12NS	36	0.46	11.6	607	2700	180	800	9.2	23.3	4.6	11.7	760053306
372-COMOS2-LTA-48	D-048-LA-8W-F12NS	48	0.46	11.6	607	2700	180	800	9.2	23.3	4.6	11.7	760053314
372-COMOS2-LTA-72	D-072-LA-8W-F12NS	72	0.48	12.1	607	2700	180	800	9.6	24.3	4.8	12.1	760053330
372-COMOS2-LTA-144	D-144-LA-8W-F12NS	144	0.68	17.3	607	2700	180	800	14.8	37.8	7.4	18.9	760053355

# Indoor/Outdoor Cables

## Indoor/Outdoor Loose Tube Cable - Plenum

### COMMScope-ENTERPRISE SOLUTIONS

The Plenum-Rated and Riser-Rated Indoor/Outdoor Stranded Loose Tube Dielectric Cable allows for connectivity ease and superior midspan accessibility. The cable is designed to endure the rigors of outdoor use, but can also be run directly in plenum airspace (plenum only) or riser to eliminate a splice point at the building entrance. This cable provides seamless migration from the campus to the premises by bypassing termination requirements at the building entrance, thereby reducing the total cost of ownership. Both Riser and Plenum constructions utilize 2.5 mm gel-free tubes that eliminate the use of messy filling gel.



A fluoropolymer thermoplastic material (plenum) or PVC (riser) is used for the outer jacket and buffer tubes to provide excellent petrochemical resistance, flame propagation and smoke generation properties that exceed any similar cable design on the market today. These cables are designed for installation loads up to 600 lb. (2700 N) and long-term loads up to 180 lb. (800 N).

All cables meet the mechanical and environmental requirements of Telcordia GR-20-CORE Issue 2 Generic Requirements for Optical Fiber and Optical Fiber Cable and ANSI/CEA S-87-640 Standard for Optical Fiber Outside Plant Communications Cable.

### SPECIFICATIONS

1. Operating temperature: -40°F to 158°F (-40°C to 70°C) (Test Method: FOTP - 3)
2. Installation temperature: -22°F to 140°F (-30°C to 60°C)
3. Storage temperature: -40°F to 167°F (-40°C to 75°C)
4. Crush resistance: 250 lb./in. (44 N/mm) (Test Method: FOTP - 41)
5. Impact resistance: 4.34 lb./ft. (5.88 N/mm) (Test Method: FOTP - 25)
6. Flexing: 25 cycles (Test Method: FOTP - 104)
7. Twist bend: exceeds (Test Method: FOTP - 85)
8. Tensile performance: short-term/long-term load 2700 N/600 N (Test Methods: FOTP-33, 38, IEC 60794-1-2E1A, E1B)
9. Cable jacket: UV stabilized black
10. Buffer tubes and fibers are identified with standard color coding

### Technical Information & Standards

Plenum cable is (ETL and cETL) Type OFNP

Riser cable is (ETL and cETL) Type OFNR

OPTISPEED 62.5/125 MULTIMODE, OM1

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); bandwidth OFL: 220/500 MHz • km (850/1300 nm); one Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)	Max. Tensile Load				Min. Bend Radius				Material ID
				Installation		Long Term		Installation		Long Term		
373-COMOM1-LTPD-06	P-006-LN-6F-F06BK/25D	6	0.38 9.7	607	2700	180	800	7.7	19.4	3.8	9.7	760094854
373-COMOM1-LTPD-12	P-012-LN-6F-F12BK/25D	12	0.38 9.7	607	2700	180	800	7.7	19.4	3.8	9.7	760106898
373-COMOM1-LTPD-24	P-024-LN-6F-F12BK/25D	24	0.38 9.7	607	2700	180	800	7.7	19.4	3.8	9.7	760094938
373-COMOM1-LTPD-48	P-048-LN-6F-F12BK/25D	48	0.38 9.7	607	2700	180	800	7.7	19.4	3.8	9.7	760094979
373-COMOM1-LTPD-72	P-072-LN-6F-F12BK/25D	72	0.40 10.1	607	2700	180	800	20.2	8.0	4.0	10.1	760095018

TERASPEED 8.3/125 ZERO WATER PEAK SINGLE-MODE

Maximum attenuation: 0.34/0.31/0.22 dB/km (1310/1385/1550 nm)

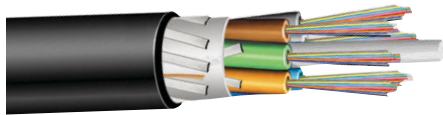
Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)	Max. Tensile Load				Min. Bend Radius				Material ID
				Installation		Long Term		Installation		Long Term		
373-COMOS2-LTPD-12	P-012-LN-8W-F12BK/25D	12	0.38 9.7	300	1335	90	400	14.1	35.8	9.9	25.1	760106880
373-COMOS2-LTPD-24	P-024-LN-8W-F12BK/25D	24	0.38 9.7	300	1335	90	400	14.1	35.8	9.9	25.1	760106922
373-COMOS2-LTPD-48	P-048-LN-8W-F12BK/25D	48	0.38 9.7	607	2700	180	800	7.7	19.4	3.8	9.7	760094961
373-COMOS2-LTPD-72	P-072-LN-8W-F12BK/25D	72	0.40 10.1	607	2700	180	800	8.0	20.2	4.0	10.1	760095000



Indoor/Outdoor Loose Tube Cable - Riser

COMMSCOPE-ENTERPRISE SOLUTIONS

The Plenum-Rated and Riser-Rated Indoor/Outdoor Stranded Loose Tube Dielectric Cable allows for connectivity ease and superior midspan accessibility. The cable is designed to endure the rigors of outdoor use, but can also be run directly in plenum airspace (plenum only) or riser to eliminate a splice point at the building entrance. This cable provides seamless migration from the campus to the premises by bypassing termination requirements at the building entrance, thereby reducing the total cost of ownership. Both Riser and Plenum constructions utilize 2.5 mm gel-free tubes that eliminate the use of messy filling gel.



A fluoropolymer thermoplastic material (plenum) or PVC (riser) is used for the outer jacket and buffer tubes to provide excellent petrochemical resistance, flame propagation and smoke generation properties that exceed any similar cable design on the market today. These cables are designed for installation loads up to 600 lb. (2700 N) and long-term loads up to 180 lb. (800 N).

All cables meet the mechanical and environmental requirements of Telcordia GR-20-CORE Issue 2 Generic Requirements for Optical Fiber and Optical Fiber Cable and ANSI/ICEA S-87-640 Standard for Optical Fiber Outside Plant Communications Cable.

**SPECIFICATIONS**

1. Operating temperature: -40°F to 158°F (-40°C to 70°C) (Test Method: FOTP - 3)
2. Installation temperature: -22°F to 140°F (-30°C to 60°C)
3. Storage temperature: -40°F to 167°F (-40°C to 75°C)
4. Crush resistance: 250 lbf./in. (44 N/mm) (Test Method: FOTP - 41)
5. Impact resistance: 4.34 lb.-ft. (5.88 N/m) (Test Method: FOTP - 25)
6. Flexing: 25 cycles (Test Method: FOTP - 104)
7. Twist bend: exceeds (Test Method: FOTP - 85)
8. Tensile performance: short-term/long-term load 2700 N/600 N (Test Methods: FOTP-33, 38, IEC 60794-1-2E1A, E1B)
9. Cable jacket: UV stabilized black
10. Buffer tubes and fibers are identified with standard color coding

**Technical Information & Standards**

Plenum cable is (ETL and cETL) Type OFNP

Riser cable is (ETL and cETL) Type OFNR

OPTISPEED 62.5/125 MULTIMODE, OM1

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); bandwidth OFL: 220/500 MHz • km (850/1300 nm); one Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)	Max. Tensile Load				Min. Bend Radius				Material ID
				Installation		Long Term		Installation		Long Term		
373-COMOM1-LTRD-06	R-006-LN-6F-F06BK/25D	6	0.45 11.5	607 (lb.)	2700 (N)	180 (lb.)	800 (N)	9.1 (in.)	23.1 (cm)	4.5 (in.)	11.5 (cm)	760086348
373-COMOM1-LTRD-12	R-012-LN-6F-F12BK/25D	12	0.45 11.5	607 (lb.)	2700 (N)	180 (lb.)	800 (N)	9.1 (in.)	23.1 (cm)	4.5 (in.)	11.5 (cm)	760086363
373-COMOM1-LTRD-24	R-024-LN-6F-F12BK/25D	24	0.45 11.5	607 (lb.)	2700 (N)	180 (lb.)	800 (N)	9.1 (in.)	23.1 (cm)	4.5 (in.)	11.5 (cm)	760086397
373-COMOM1-LTRD-48	R-048-LN-6F-F12BK/25D	48	0.45 11.5	607 (lb.)	2700 (N)	180 (lb.)	800 (N)	9.1 (in.)	23.1 (cm)	4.5 (in.)	11.5 (cm)	760086462
373-COMOM1-LTRD-72	R-072-LN-6F-F12BK/25D	72	0.47 11.9	607 (lb.)	2700 (N)	180 (lb.)	800 (N)	9.4 (in.)	23.9 (cm)	4.7 (in.)	11.9 (cm)	760086520
373-COMOM1-LTRD-144	R-144-LN-6F-F12BK/25D	144	0.68 17.2	607 (lb.)	2700 (N)	180 (lb.)	800 (N)	13.5 (in.)	34.3 (cm)	6.8 (in.)	17.2 (cm)	760086645

TERASPEED 8.3/125 ZERO WATER PEAK SINGLE-MODE

Maximum attenuation: 0.34/0.31/0.22 dB/km (1310/1385/1550 nm)

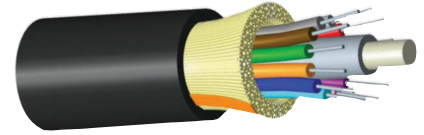
Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)	Max. Tensile Load				Min. Bend Radius				Material ID
				Installation		Long Term		Installation		Long Term		
373-COMOS2-LTRD-12	R-012-LN-8W-F12BK/25D	12	0.45 11.5	607 (lb.)	2700 (N)	180 (lb.)	800 (N)	9.1 (in.)	23.1 (cm)	4.5 (in.)	11.5 (cm)	760086371
373-COMOS2-LTRD-24	R-024-LN-8W-F12BK/25D	24	0.45 11.5	607 (lb.)	2700 (N)	180 (lb.)	800 (N)	9.1 (in.)	23.1 (cm)	4.5 (in.)	11.5 (cm)	760086405
373-COMOS2-LTRD-48	R-048-LN-8W-F12BK/25D	48	0.45 11.5	607 (lb.)	2700 (N)	180 (lb.)	800 (N)	9.1 (in.)	23.1 (cm)	4.5 (in.)	11.5 (cm)	760086470
373-COMOS2-LTRD-72	R-072-LN-8W-F12BK/25D	72	0.47 11.9	607 (lb.)	2700 (N)	180 (lb.)	800 (N)	9.4 (in.)	23.9 (cm)	4.7 (in.)	11.9 (cm)	760086538
373-COMOS2-LTRD-144	R-144-LN-8W-F12BK/25D	144	0.68 17.2	607 (lb.)	2700 (N)	180 (lb.)	800 (N)	13.5 (in.)	34.3 (cm)	6.8 (in.)	17.2 (cm)	760086652

# Indoor/Outdoor Cables

## Indoor/Outdoor Tight Buffered Cable - Riser

### COMMSCOPE-ENTERPRISE SOLUTIONS

The indoor/outdoor distribution cable provides network performance for the applications of today and tomorrow that can be used in non-traditional building entrance facilities.



### SPECIFICATIONS

1. Operating temperature: -40°F to 158°F (-40°C to 70°C) (Test Method: FOTP - 3 IEC 60794-1-2-F1)
2. Installation temperature: -22°F to 158°F (-30°C to 70°C)
3. Storage temperature: -40°F to 167°F (-40°C to 70°C)
4. Crush resistance: exceeds 126 lb./in. (22 N/mm) (Test Method: FOTP - 41 IEC 60794-1-2-E3)
5. Impact resistance: exceeds 4.34 lb./ft. (5.8 N-m) (Test Method: FOTP - 25 IEC 60794-1-2-E4)
6. Flexing: exceeds 100 cycles (Test Method: FOTP - 104 IEC 60794-1-2-E6)
7. Twist bend: exceeds (Test Method: FOTP - 85 IEC 60794-1-2-E7)
8. Tensile performance: exceeds (Test Methods: FOTP - 33, 38, IEC 60794-1-2-E1A, E1B)
9. Fibers are identified with standard color coding

### FEATURES

- 900 micron tight buffered construction allows for direct termination eliminating the need for furcation which minimizes installation expense
- Utilizes water-blocking technology which makes the cable suitable for the outside plant environment, with gel-free cable access
- Black, UV stabilized jacket is resistant to chemical, moisture, abrasion and sunlight and does not require additional protection in most installations
- All-dielectric construction eliminates the need for bonding and grounding
- Tested and qualified to GR-409 with GR-20, environmental limits and; ICEA-696 and ICEA-640 environmental limits. Meets requirements for tight buffered constructions and suitable of installation in true OSP environmental conditions

### Technical Information & Standards

Riser cable is (ETL and cETL) TYPE OFNR

OPTISPEED 62.5/125 MULTIMODE, OM1

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); bandwidth OFL: 220/500 MHz • km (850/1300 nm); one Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius				Material ID
					Installation		Long Term		Installation		Long Term		
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)	
373-COMOM1-TBDLSZH06	Z-006-DS-6F-FSUBK	12	0.25	6.4	300	1335	90	400	2.2	5.5	4.4	11.1	760054973
373-COMOM1-TBDLSZH12	Z-012-DS-6F-FSUBK	12	0.28	7.2	400	1780	120	534	2.8	7.2	5.7	14.4	700211279
373-COMOM1-TBDLSZH24	Z-024-DS-6F-FMUBK	24	0.67	16.9	600	2670	180	801	6.7	16.9	13.3	33.9	700211287

LAZRSPEED 150 LASER-OPTIMIZED 50/125 MULTIMODE, OM2

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); bandwidth OFL: 1,500/500 MHz • km (850/1300 nm); bandwidth laser: 2,000/500 (850/1300 nm); one Gigabit Ethernet distance: 1,000/600 m (850/1300 nm); 10 Gigabit Ethernet distance: 300 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius				Material ID
					Installation		Long Term		Installation		Long Term		
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)	
373-COMOM2-TBDLSZH12	Z-012-DS-5M-FSUBK	12	0.28	7.2	400	1780	120	534	2.8	7.2	5.7	14.4	700211014
373-COMOM2-TBDLSZH24	Z-024-DS-5M-FSUBK	24	0.61	15.4	300	1335	90	400	3.4	8.7	6.9	17.4	760070284

LAZRSPEED 300 LASER-OPTIMIZED 50/125 MULTIMODE, OM3

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); bandwidth OFL: 700/500 MHz • km (850/1300 nm); bandwidth laser: 950/500 (850/1300 nm); one Gigabit Ethernet distance: 800/600 m (850/1300 nm); 10 Gigabit Ethernet distance: 150 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius				Material ID
					Installation		Long Term		Installation		Long Term		
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)	
373-COMOM3-TBDLSZH12	Z-012-DS-5L-FSUBK	12	0.28	7.2	300	1780	120	534	2.8	7.2	5.7	14.4	700210982
373-COMOM3-TBDLSZH24	Z-024-DS-5L-FSUBK	24	0.34	8.7	300	1335	90	400	3.4	8.7	6.9	17.4	760070292

# CommScope-Enterprise Solutions

## Indoor/Outdoor Cables

### LAZRSPEED 550 LASER-OPTIMIZED 50/125 MULTIMODE, OM4

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); bandwidth OFL: 3,500/500 MHz • km (850/1300 nm); bandwidth laser: 4,700/500 (850/1300 nm); one Gigabit Ethernet distance: 1,100/600 m (850/1300 nm); 10 Gigabit Ethernet distance: 550 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius				Material ID
					Installation		Long Term		Installation		Long Term		
					(lb.)	(N)	(lb.)	(N)	(in.)	(cm)	(in.)	(cm)	
<b>373-COMOM4-TBDLSZH12</b>	Z-012-DS-5K-FSUBK	12	0.28	7.2	400	1780	120	534	2.8	7.2	5.7	14.4	760006650
<b>373-COMOM4-TBDLSZH24</b>	Z-024-DS-5K-FSUBK	24	0.34	8.7	300	1335	90	400	6.9	17.4	3.4	8.7	760070300

### TERASPEED 8.3/125 ZERO WATER PEAK SINGLE-MODE

Maximum attenuation: 0.70/0.70/0.70 dB/km (1310/1385/1550 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius				Material ID
					Installation		Long Term		Installation		Long Term		
					(lb.)	(N)	(lb.)	(N)	(in.)	(cm)	(in.)	(cm)	
<b>373-COMOS2-TBDLSZH12</b>	Z-012-DS-8W-FSUBK	12	0.28	7.2	400	1780	120	534	2.8	7.2	5.7	14.4	760004184
<b>373-COMOS2-TBDLSZH24</b>	Z-024-DS-8W-FSUBK	24	0.34	8.7	300	1335	90	400	3.4	8.7	6.9	17.4	760070276

# Indoor Cables

## Building Cables - Plenum

### COMMScope-ENTERPRISE SOLUTIONS

CommScope delivers optimal fiber solutions that provide high-performance, future-proof options for the enterprise network. TeraSPEED, zero water-peak single-mode fiber is designed to cost-effectively prepare enterprise campus and metro backbones for next generation equipment now and into the future. The LazrSPEED technology supports 10 Gb/s serial transmission at 850 nanometers at distances of more than 300 meters. The OptisPEED solution provides fiber-optic connectivity for network backbones that is optimized for today's LAN applications.



### SPECIFICATIONS

1. Operating temperature: -4°F to 158°F (-20°C to 70°C) (Test Method: FOTP - 3 IEC 60794-1-2-F1)
2. Installation temperature: 32°F to 158°F (0°C to 70°C)
3. Storage temperature: -40°F to 158°F (-40°C to 70°C)
4. Crush resistance: exceeds 57.3 lbf./in. (10 N/mm) (Test Method: FOTP - 41 IEC 60794-1-2-E3)
5. Impact resistance: exceeds 4.34 lbf.-ft. (5.8 N-m) (Test Method: FOTP - 25 IEC 60794-1-2-E4)
6. Flexing: exceeds 100 cycles (Test Method: FOTP - 104 IEC 60794-1-2-E6)
7. Twist bend: exceeds (Test Method: FOTP - 85 IEC 60794-1-2-E7)
8. Tensile performance: exceeds (Test Methods: FOTP - 33, 38, IEC 60794-1-2-E1A, E1B)
9. Fibers are identified with standard color coding

### Technical Information & Standards

Plenum cable is (ETL and cETL) Type OFNP

OPTISPEED 62.5/125 MULTIMODE, OM1

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); bandwidth OFL: 220/500 MHz • km (850/1300 nm); one Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius				Material ID
					Installation		Long Term		Installation		Long Term		
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)	
370-COMOM1-TBD-02	P-002-DS-6F-FSUSL	2	0.15	3.9	225	1001	67	300	3	7.8	1.5	3.9	700009657
370-COMOM1-TBD-06	P-006-DS-6F-FSUSL	6	0.19	4.8	300	1335	90	400	3.8	9.7	1.9	4.8	700009517
370-COMOM1-TBD-12	P-012-DS-6F-FSUSL	12	0.23	5.9	300	1335	90	400	4.6	11.7	2.3	5.9	700009392
370-COMOM1-TBD-24	P-024-DS-6F-FSUSL	24	0.33	8.5	300	1335	90	400	6.7	16.9	3.3	8.5	760018663
370-COMOM1-TBD-48	P-048-DS-6F-FMUSL	48	0.59	15.1	800	3560	240	1068	11.9	30.2	5.9	15.1	700009095
370-COMOM1-TBD-72	P-072-DS-6F-FMUSL	72	0.75	19.1	1000	4450	300	1335	15	38.2	7.5	19.1	700009004

LAZRSPEED 150 LASER-OPTIMIZED 50/125 MULTIMODE, OM2

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); bandwidth OFL: 1,500/500 MHz • km (850/1300 nm); bandwidth laser: 2,000/500 (850/1300 nm); one Gigabit Ethernet distance: 1,000/600 m (850/1300 nm); 10 Gigabit Ethernet distance: 300 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius				Material ID
					Installation		Long Term		Installation		Long Term		
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)	
370-COMOM2-TBD-02	P-002-DS-5M-FSUAQ	2	0.15	3.9	225	1001	67	300	3.1	7.8	1.5	3.9	700009871
370-COMOM2-TBD-06	P-006-DS-5M-FSUAQ	6	0.19	4.8	300	1335	90	400	3.8	9.7	1.9	4.8	700009798
370-COMOM2-TBD-12	P-012-DS-5M-FSUAQ	12	0.23	5.9	300	1335	90	400	4.6	11.7	2.3	5.9	700009756
370-COMOM2-TBD-24	P-024-DS-5M-FSUAQ	24	0.33	8.5	300	1335	90	400	6.7	16.9	3.3	8.5	760018671

LAZRSPEED 300 LASER-OPTIMIZED 50/125 MULTIMODE, OM3

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); bandwidth OFL: 700/500 MHz • km (850/1300 nm); bandwidth laser: 950/500 (850/1300 nm); one Gigabit Ethernet distance: 800/600 m (850/1300 nm); 10 Gigabit Ethernet distance: 150 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius				Material ID
					Installation		Long Term		Installation		Long Term		
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)	
370-COMOM3-TBD-06	P-006-DS-5L-FSUAQ	6	0.19	4.8	300	1335	90	400	3.8	9.7	1.9	4.8	700009772
370-COMOM3-TBD-12	P-012-DS-5L-FSUAQ	12	0.23	5.9	300	1335	90	400	4.6	11.7	2.3	5.9	700009731
370-COMOM3-TBD-24	P-024-DS-5L-FSUAQ	24	0.33	8.5	300	1335	90	400	6.7	16.9	3.3	8.5	760018689

# Indoor Cables

### LAZRSPEED 550 LASER-OPTIMIZED 50/125 MULTIMODE, OM4

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); bandwidth OFL: 3,500/500 MHz • km (850/1300 nm); bandwidth laser: 4,700/500 (850/1300 nm); one Gigabit Ethernet distance: 1,100/600 m (850/1300 nm); 10 Gigabit Ethernet distance: 550 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius				Material ID
					Installation		Long Term		Installation		Long Term		
370-COMOM4-TBD-06	P-006-DS-5K-FSUAQ	6	0.19	4.7	300	1335	90	400	3.7	9.5	1.9	4.7	760012138
370-COMOM4-TBD-12	P-012-DS-5K-FSUAQ	12	0.23	5.7	300	1335	90	400	4.5	11.4	2.2	5.7	760006411
370-COMOM4-TBD-24	P-024-DS-5K-FSUAQ	24	0.33	8.5	300	1335	90	400	6.7	16.9	3.3	8.5	760018697

### TERASPEED 8.3/125 ZERO WATER PEAK SINGLE-MODE

Maximum attenuation: 0.70/0.70/0.70 dB/km (1310/1385/1550 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius				Material ID
					Installation		Long Term		Installation		Long Term		
370-COMOS2-TBD-06	P-006-DS-8W-FSUYL	6	0.19	4.8	300	1335	90	400	3.8	9.7	1.9	4.8	760004333
370-COMOS2-TBD-12	P-012-DS-8W-FSUYL	12	0.23	5.8	300	1335	90	400	4.6	11.7	2.3	5.9	760004358
370-COMOS2-TBD-24	P-024-DS-8W-FSUYL	24	0.33	8.5	300	1335	90	400	6.7	16.9	3.3	8.5	760018630
370-COMOS2-TBD-36	P-036-DS-8W-FMUYL	36	0.54	13.7	800	3560	240	1068	10.8	27.4	5.4	13.7	760004374
370-COMOS2-TBD-48	P-048-DS-8W-FMUYL	48	0.59	15.1	800	3560	240	1068	11.9	30.2	5.9	15.1	760004382
370-COMOS2-TBD-72	P-072-DS-8W-FMUYL	72	0.75	19.1	300	1335	90	400	22.1	56.1	15.5	39.3	760004390

## Building Cables - Riser

### COMMSCOPE-ENTERPRISE SOLUTIONS

CommScope delivers optimal fiber solutions that provide high-performance, future-proof options for the enterprise network. TeraSPEED, zero water-peak single-mode fiber is designed to cost-effectively prepare enterprise campus and metro backbones for next generation equipment now and into the future. The LazrSPEED technology supports 10 Gb/s serial transmission at 850 nanometers at distances of more than 300 meters. The OptiSPEED solution provides fiber-optic connectivity for network backbones that is optimized for today's LAN applications.

### SPECIFICATIONS

1. Operating temperature: -4°F to 158°F (-20°C to 70°C) (Test Method: FOTP - 3 IEC 60794-1-2-F1)
2. Installation temperature: 32°F to 158°F (0°C to 70°C)
3. Storage temperature: -40°F to 158°F (-40°C to 70°C)
4. Crush resistance: exceeds 57.3 lb./in. (10 N/mm) (Test Method: FOTP - 41 IEC 60794-1-2-E3)
5. Impact resistance: exceeds 4.34 lb./ft. (5.8 N-m) (Test Method: FOTP - 25 IEC 60794-1-2-E4)
6. Flexing: exceeds 100 cycles (Test Method: FOTP - 104 IEC 60794-1-2-E6)
7. Twist bend: exceeds (Test Method: FOTP - 85 IEC 60794-1-2-E7)
8. Tensile performance: exceeds (Test Methods: FOTP - 33, 38, IEC 60794-1-2-E1A, E1B)
9. Fibers are identified with standard color coding

### Technical Information & Standards

Riser cable is (ETL and cETL) Type OFNR

### OPTISPEED 62.5/125 MULTIMODE, OM1

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); bandwidth OFL: 220/500 MHz • km (850/1300 nm); one Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius				Material ID
					Installation		Long Term		Installation		Long Term		
371-COMOM1-TBD-06	R-006-DS-6F-FSUSL	6	0.20	5.1	300	1335	90	400	4.1	10.3	2.0	5.1	700009509
371-COMOM1-TBD-12	R-012-DS-6F-FSUSL	12	0.24	6.0	300	1335	90	400	4.8	12.1	2.4	6.0	700009384
371-COMOM1-TBD-24	R-024-DS-6F-FSUSL	24	0.33	8.4	300	1335	90	400	6.6	16.7	3.3	8.4	760018531
371-COMOM1-TBD-36	R-036-DS-6F-FMUUSL	36	0.57	14.6	800	3560	240	1068	11.5	29.3	5.7	14.6	700009178
371-COMOM1-TBD-48	R-048-DS-6F-FMUUSL	48	0.63	16.0	600	2668	90	400	14.6	37	7.3	18.5	700009087
371-COMOM1-TBD-72	R-072-DS-6F-FMUUSL	72	0.79	18.5	1000	2668	90	400	14.6	37	7.3	18.5	700008998

Continued on next page >>



# Indoor Cables

(continued) Building Cables - Riser

**LAZRSPEED 150 LASER-OPTIMIZED 50/125 MULTIMODE, OM2**

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); bandwidth OFL: 1,500/500 MHz • km (850/1300 nm); bandwidth laser: 2,000/500 (850/1300 nm); one Gigabit Ethernet distance: 1,000/600 m (850/1300 nm); 10 Gigabit Ethernet distance: 300 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius				Material ID
					Installation		Long Term		Installation		Long Term		
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)	
<b>371-COMOM2-TBD-06</b>	R-006-DS-5M-FSUAQ	6	0.20	5.1	300	1335	90	400	4.1	10.3	2.0	5.1	700203078
<b>371-COMOM2-TBD-12</b>	R-012-DS-5M-FSUAQ	12	0.24	6.0	300	1335	90	400	4.8	12.1	2.4	6.0	700203086
<b>371-COMOM2-TBD-24</b>	R-024-DS-5M-FSUAQ	24	0.33	8.4	300	1335	90	400	6.6	16.7	3.3	8.4	760018549

**LAZRSPEED 300 LASER-OPTIMIZED 50/125 MULTIMODE, OM3**

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); bandwidth OFL: 700/500 MHz • km (850/1300 nm); bandwidth laser: 950/500 (850/1300 nm); one Gigabit Ethernet distance: 800/600 m (850/1300 nm); 10 Gigabit Ethernet distance: 150 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius				Material ID
					Installation		Long Term		Installation		Long Term		
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)	
<b>371-COMOM3-TBD-06</b>	R-006-DS-5L-FSUAQ	6	0.20	5.1	300	1335	90	400	4.1	10.5	2.0	5.1	700208143
<b>371-COMOM3-TBD-12</b>	R-012-DS-5L-FSUAQ	12	0.24	6.0	300	1335	90	400	4.8	12.1	2.4	6.0	700208150
<b>371-COMOM3-TBD-24</b>	R-024-DS-5L-FSUAQ	24	0.33	8.4	300	1335	90	400	6.6	16.7	3.3	8.4	760018556

**LAZRSPEED 550 LASER-OPTIMIZED 50/125 MULTIMODE, OM4**

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); bandwidth OFL: 3,500/500 MHz • km (850/1300 nm); bandwidth laser: 4,700/500 (850/1300 nm); one Gigabit Ethernet distance: 1,100/600 m (850/1300 nm); 10 Gigabit Ethernet distance: 550 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius				Material ID
					Installation		Long Term		Installation		Long Term		
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)	
<b>371-COMOM4-TBD-06</b>	R-006-DS-5K-FSUAQ	6	0.20	4.7	300	1335	90	400	3.7	9.5	1.9	4.7	760012104
<b>371-COMOM4-TBD-12</b>	R-012-DS-5K-FSUAQ	12	0.24	5.7	300	1335	90	400	4.5	11.4	2.2	5.7	760012112
<b>371-COMOM4-TBD-24</b>	R-024-DS-5K-FSUAQ	24	0.33	8.4	300	1335	90	400	6.6	16.7	3.3	8.4	760018564

**TERASPEED 8.3/125 ZERO WATER PEAK SINGLE-MODE**

Maximum attenuation: 0.70/0.70/0.70 dB/km (1310/1385/1550 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius				Material ID
					Installation		Long Term		Installation		Long Term		
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)	
<b>371-COMOS2-TBD-06</b>	R-006-DS-8W-FSUYL	6	0.20	5.1	300	1335	90	400	4.1	10.3	2.0	5.1	760004424
<b>371-COMOS2-TBD-12</b>	R-012-DS-8W-FSUYL	12	0.24	6.0	300	1335	90	400	4.8	12.1	2.4	6.0	760004440
<b>371-COMOS2-TBD-24</b>	R-024-DS-8W-FSUYL	24	0.33	8.4	300	1335	90	400	6.6	16.7	3.3	8.4	760018515
<b>371-COMOS2-TBD-36</b>	R-036-DS-8W-FMUYL	36	0.57	14.6	800	3560	240	1068	11.5	29.3	5.7	14.6	760004465
<b>371-COMOS2-TBD-72</b>	R-072-DS-8W-FMUYL	72	0.79	20	300	1335	1000	4450	15.8	40.1	7.9	20.0	760004481

# Indoor Cables

## Interlocking Armored Cables - Plenum

### COMMScope-ENTERPRISE SOLUTIONS

CommScope Interlocking Armored Fiber Optic Cable provides superior protection and space savings. It provides installation protection from bending and excessive pull tension, significant time and labor reductions versus conduit or innerduct installations and increased installation and design flexibility.



CommScope Interlocking Armor can be used anywhere additional protection and security for the fiber cable are desired. Applications include building backbone, zone distribution, raised floor, data centers and storage area networks (SANs). Vertical markets include: industrial, manufacturing, airports, stadiums, military and any other vertical where increased protection and security for the fiber cable are desired. These include: financial, hospitals, educational facilities and many more.

The CommScope Interlocking Armor is applied spirally around any premise distribution cable, and is available in aluminum. The armored cable is then over-jacketed with a sheath. This sheath is color-coded to the fiber type contained within, and provides not only the ability to print the armor with all relevant information on the cable inside, but also allows for easier handling and pulling.

### SPECIFICATIONS

1. Operating temperature: -4°F to 158°F (-20°C to 70°C) (Test Method: FOTP - 3 IEC 60794-1-2-F1)
2. Installation temperature: 32°F to 158°F (0°C to 70°C)
3. Storage temperature: -40°F to 158°F (-40°C to 70°C)
4. Crush resistance: 486.8 lb./in. (85 N/mm) (Test Method: FOTP - 41 IEC 60794-1-2-E3)
5. Impact resistance: 25.8 lb./ft. (35 N-m) (Test Method: FOTP - 25 IEC 60794-1-2-E4)
6. Flexing: exceeds 25 cycles (Test Method: FOTP - 104 IEC 60794-1-2-E6)
7. Twist bend: exceeds (Test Method: FOTP - 85 IEC 60794-1-2-E7)
8. Tensile performance: exceeds (Test Methods: FOTP - 33, 38, IEC 60794-1-2-E1A, E1B)

### Technical Information & Standards

The Plenum cable is (ETL and cETL) Type OFCP

OPTISPEED 62.5/125 MULTIMODE, OM1

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); bandwidth OFL: 220/500 MHz • km (850/1300 nm); one Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius				Material ID
					Installation		Long Term		Installation		Long Term		
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)	
370-COMOM1-TBA-06	P-006-DZ-6F-FSUOR	6	0.50	12.8	300	1335	90	400	10.1	25.7	7.1	18.0	760127753
370-COMOM1-TBA-12	P-012-DZ-6F-FSUOR	12	0.50	12.8	300	1335	90	400	10.1	25.7	7.1	19.7	760127761
370-COMOM1-TBA-24	P-024-DZ-6F-FSUOR	24	0.69	17.4	300	1335	90	400	13.7	34.8	9.6	24.4	760127852

LAZRSPEED 150 LASER-OPTIMIZED 50/125 MULTIMODE, OM2

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); bandwidth OFL: 1,500/500 MHz • km (850/1300 nm); bandwidth laser: 2,000/500 (850/1300 nm); one Gigabit Ethernet distance: 1,000/600 m (850/1300 nm); 10 Gigabit Ethernet distance: 300 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius				Material ID
					Installation		Long Term		Installation		Long Term		
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)	
370-COMOM2-TBA-06	P-006-DZ-5M-FSUAQ	6	0.50	12.8	300	1335	90	400	10.1	25.7	7.1	18.0	760127696
370-COMOM2-TBA-12	P-012-DZ-5M-FSUAQ	12	0.50	12.8	300	1335	90	400	10.1	25.7	7.1	18.0	760127704
370-COMOM2-TBA-24	P-024-DZ-5M-FSUAQ	24	0.69	17.4	300	1335	90	400	13.7	34.8	9.6	24.4	760127878

LAZRSPEED 300 LASER-OPTIMIZED 50/125 MULTIMODE, OM3

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); bandwidth OFL: 700/500 MHz • km (850/1300 nm); bandwidth laser: 950/500 (850/1300 nm); one Gigabit Ethernet distance: 800/600 m (850/1300 nm); 10 Gigabit Ethernet distance: 150 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius				Material ID
					Installation		Long Term		Installation		Long Term		
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)	
370-COMOM3-TBA-06	P-006-DZ-5L-FSUAQ	6	0.50	12.8	300	1335	90	400	10.1	25.7	7.1	18.0	760127639
370-COMOM3-TBA-12	P-012-DZ-5L-FSUAQ	12	0.50	12.8	300	1335	90	400	10.1	25.7	7.1	18.0	760127647
370-COMOM3-TBA-24	P-024-DZ-5L-FSUAQ	24	0.69	17.4	300	1335	90	400	13.7	34.8	9.6	24.4	760127902

Continued on next page >>

# Indoor Cables

*(continued)* Interlocking Armored Cables - Plenum

**LAZRSPEED 550 LASER-OPTIMIZED 50/125 MULTIMODE, OM4**

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); bandwidth OFL: 3,500/500 MHz • km (850/1300 nm); bandwidth laser: 4,700/500 (850/1300 nm); one Gigabit Ethernet distance: 1,100/600 m (850/1300 nm); 10 Gigabit Ethernet distance: 550 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius				Material ID
					Installation		Long Term		Installation		Long Term		
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)	
<b>370-COMOM4-TBA-06</b>	P-006-DZ-5K-FSUAQ	6	0.50	12.8	300	1335	90	400	10.1	25.7	7.1	18.0	760128181
<b>370-COMOM4-TBA-12</b>	P-012-DZ-5K-FSUAQ	12	0.50	12.8	300	1335	90	400	10.1	25.7	7.1	18.0	760128017
<b>370-COMOM4-TBA-24</b>	P-024-DZ-5K-FSUAQ	24	0.69	17.4	300	1335	90	400	13.7	34.8	9.6	24.4	760127910

**TERASPEED 8.3/125 ZERO WATER PEAK SINGLE-MODE**

Maximum attenuation: 0.70/0.70/0.70 dB/km (1310/1385/1550 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius				Material ID
					Installation		Long Term		Installation		Long Term		
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)	
<b>370-COMOS2-TBA-06</b>	P-006-DZ-8W-FSUYL	6	0.50	12.8	300	1335	90	400	10.1	25.7	7.1	18.0	9101013/NW
<b>370-COMOS2-TBA-12</b>	P-012-DZ-8W-FSUYL	12	0.51	12.8	300	1335	90	400	10.1	25.7	7.1	18.0	9101014/NW
<b>370-COMOS2-TBA-24</b>	P-024-DZ-8W-FSUYL	24	0.61	15.4	300	1335	90	400	12.1	30.7	8.5	21.5	760127886

**Interlocking Armored Cables - Riser**

**COMMSCOPE-ENTERPRISE SOLUTIONS**

CommScope Interlocking Armored Fiber Optic Cable provides superior protection and space savings. It provides installation protection from bending and excessive pull tension, significant time and labor reductions versus conduit or innerduct installations and increased installation and design flexibility.



CommScope Interlocking Armor can be used anywhere additional protection and security for the fiber cable are desired. Applications include building backbone, zone distribution, raised floor, data centers and storage area networks (SANs). Vertical markets include: industrial, manufacturing, airports, stadiums, military and any other vertical where increased protection and security for the fiber cable are desired. These include: financial, hospitals, educational facilities and many more.

The CommScope Interlocking Armor is applied spirally around any premise distribution cable, and is available in aluminum. The armored cable is then over-jacketed with a sheath. This sheath is color-coded to the fiber type contained within, and provides not only the ability to print the armor with all relevant information on the cable inside, but also allows for easier handling and pulling.

**SPECIFICATIONS**

1. Operating temperature: -4°F to 158°F (-20°C to 70°C) (Test Method: FOTP - 3 IEC 60794-1-2-F1)
2. Installation temperature: 32°F to 158°F (0°C to 70°C)
3. Storage temperature: -40°F to 158°F (-40°C to 70°C)
4. Crush resistance: 486.8 lb./in. (85 N/mm) (Test Method: FOTP - 41 IEC 60794-1-2-E3)
5. Impact resistance: 25.8 lb./ft. (35 N-m) (Test Method: FOTP - 25 IEC 60794-1-2-E4)
6. Flexing: exceeds 25 cycles (Test Method: FOTP - 104 IEC 60794-1-2-E6)
7. Twist bend: exceeds (Test Method: FOTP - 85 IEC 60794-1-2-E7)
8. Tensile: exceeds (Test Methods: FOTP - 33, 38, IEC 60794-1-2-E1A, E1B)

**Technical Information & Standards**

Riser cable is (ETL and cETL) TYPE OFCR



## Indoor Cables

## OPTISPEED 62.5/125 MULTIMODE, OM1

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); bandwidth OFL: 220/500 MHz • km (850/1300 nm); one Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius				Material ID
					Installation		Long Term		Installation		Long Term		
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)	
371-COMOM1-TBA-06	R-006-DZ-6F-FSUOR	6	0.50	12.8	300	1335	90	400	10.1	25.7	7.1	18.0	760127282
371-COMOM1-TBA-12	R-012-DZ-6F-FSUOR	12	0.50	12.8	300	1335	90	400	10.1	25.7	7.1	18.0	760127290

## LAZRSPEED 150 LASER-OPTIMIZED 50/125 MULTIMODE, OM2

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); bandwidth OFL: 1,500/500 MHz • km (850/1300 nm); bandwidth laser: 2,000/500 (850/1300 nm); one Gigabit Ethernet distance: 1,000/600 m (850/1300 nm); 10 Gigabit Ethernet distance: 300 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius				Material ID
					Installation		Long Term		Installation		Long Term		
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)	
371-COMOM2-TBA-06	R-006-DZ-5M-FSUAQ	6	0.50	12.8	300	1335	90	400	10.1	25.7	7.1	18.0	760127225
371-COMOM2-TBA-12	R-012-DZ-5M-FSUAQ	12	0.50	12.8	300	1335	90	400	10.1	25.7	7.1	18.0	760127233
371-COMOM2-TBA-24	R-024-DZ-5M-FSUAQ	24	0.61	15.4	300	1335	90	400	12.1	30.7	8.5	21.5	760127415

## LAZRSPEED 300 LASER-OPTIMIZED 50/125 MULTIMODE, OM3

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); bandwidth OFL: 700/500 MHz • km (850/1300 nm); bandwidth laser: 950/500 (850/1300 nm); one Gigabit Ethernet distance: 800/600 m (850/1300 nm); 10 Gigabit Ethernet distance: 150 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius				Material ID
					Installation		Long Term		Installation		Long Term		
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)	
371-COMOM3-TBA-06	R-006-DZ-5L-FSUAQ	6	0.50	12.8	300	1335	90	400	10.1	25.7	7.1	18.0	760127175
371-COMOM3-TBA-12	R-012-DZ-5L-FSUAQ	12	0.50	12.8	300	1335	90	400	10.1	25.7	7.1	18.0	760127183
371-COMOM3-TBA-24	R-024-DZ-5L-FSUAQ	24	0.61	15.4	300	1335	90	400	12.1	30.7	8.5	21.5	760127381

## LAZRSPEED 550 LASER-OPTIMIZED 50/125 MULTIMODE, OM4

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); bandwidth OFL: 3,500/500 MHz • km (850/1300 nm); bandwidth laser: 4,700/500 (850/1300 nm); one Gigabit Ethernet distance: 1,100/600 m (850/1300 nm); 10 Gigabit Ethernet distance: 550 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius				Material ID
					Installation		Long Term		Installation		Long Term		
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)	
371-COMOM4-TBA-06	R-006-DZ-5K-FSUAQ	6	0.50	12.8	300	1335	90	400	10.1	25.7	7.1	18.0	760127506
371-COMOM4-TBA-12	R-012-DZ-5K-FSUAQ	12	0.50	12.8	300	1335	90	400	10.1	25.7	7.1	18.0	760127514
371-COMOM4-TBA-24	R-024-DZ-5K-FSUAQ	24	0.61	15.4	300	1335	90	400	12.1	30.7	8.5	21.5	760127407

## TERASPEED 8.3/125 ZERO WATER PEAK SINGLE-MODE

Maximum attenuation: 0.70/0.70/0.70 dB/km (1310/1385/1550 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius				Material ID
					Installation		Long Term		Installation		Long Term		
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)	
371-COMOS2-TBA-06	R-006-DZ-8W-FSUYL	6	0.50	12.8	300	1335	90	400	10.1	25.7	7.1	18.0	760127308
371-COMOS2-TBA-12	R-012-DZ-8W-FSUYL	12	0.50	12.8	300	1335	90	400	10.1	25.7	7.1	18.0	760127316
371-COMOS2-TBA-24	R-024-DZ-8W-FMUYL	24	0.61	15.4	300	1335	90	400	12.1	30.7	8.5	21.5	760127324

# Fan-out Kits

## Central Core Tube Breakout Kit

COMMSCOPE-ENTERPRISE SOLUTIONS



The Central Core Tube Breakout Kit contains buffer tubing and cable end prep materials for direct termination of connectors on campus cable. This kit will buffer approximately 100 fibers but contains only one blacking kit (one splitter kit should be ordered for each additional cable end). B-Sealant should also be ordered separately.

This kit contains:

- 210 ft. reel of 900  $\mu$ m clear PVC tubing
- 25 ft. white PVC tubing
- 2 ft. heat shrink tubing
- 10 miniature cable ties
- Five sealant applicators
- One rosin bag
- 1 ft. x .294 in. ID, 1 ft. x .234 in. ID and 2 ft. x .166 in. ID tubing
- One six unit splitter
- One eight unit splitter

### BREAKOUT KITS

Anixter No.	Vendor No.	Description	Material ID
104578	D181755	PVC Buffer Tubing Kit	700006117
209562	D-183016	Mini kit for cables with a maximum of 24 fibers	108459488

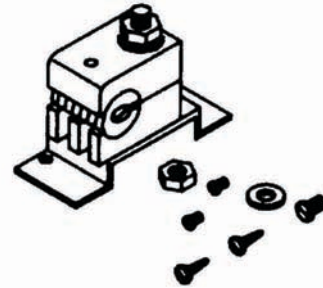
### BREAKOUT KIT ACCESSORIES

These items are included in the D-181755 kit (except the B-Sealant), but can be ordered separately.

Anixter No.	Vendor No.	Description	Material ID
109709	D-181781	6 to 1 unit splitter for outdoor cable. Diameter of 0.41 in.	700011125
107902	D-181683	8 to 1 unit splitter for outdoor cable. Diameter of 0.41 in.	700006125
125092	D-182806	6 to 1 unit splitter fits 0.16 in. and 0.20 in. core tube	700008360

## Cable Clamp

COMMSCOPE-ENTERPRISE SOLUTIONS



The 12A clamps are designed to provide the means for securing one cable to a shelf or backboard. The 12A2 is for dielectric cables. The 12A1 provides grounding for either ribbon cable equipment with sheath-terminating hardware or stranded cable with metallic-strength members. The 12A1 consists of a mounting bracket, plastic clamps and suitable grounding lugs.

Anixter No.	Vendor No.	Description	Material ID
132619	12A2	Dielectric	700025653
106721	12A1	Metallic	700025513

# Connectors and Adapters

## LC Connectors

COMMSCOPE-ENTERPRISE SOLUTIONS



The LC Connector is a revolutionary fiber optic connector. This small form connector is only half the size of ST or SC connectors, yet it has superior optical performance and reduced installation time. It uses the familiar insertion release mechanism similar to an RJ45 plug and has a pull-proof design. Fast becoming the connector of choice, the physical and optical performance of the LC allows engineers to design optical fiber infrastructures suited to the low-loss needs of the high-speed data networks.

The LC Connector offers a complete connection solution with a product range designed for field termination onto 900  $\mu\text{m}$  buffered fiber, 1.6 mm fiber cordage, multimode and single-mode fiber. The high-performance LC Connector is the recommended connector for Gigabit applications including all proposed 10 Gigabit Ethernet specifications for multimode and single-mode fiber.

### BEHIND-THE-WALL (900 $\mu\text{m}$ ) CONNECTOR

This connector is designed to allow for the simple and speedy termination of the connector onto 900  $\mu\text{m}$  fiber. So whether terminating a cable into a patch panel, connection box, or outlet, the LC Connector offers the best-in-class solution.

### JUMPER CONNECTOR (1.6 mm)

The LC Fiber Optic Simplex and Duplex Jumper Connectors can be used to terminate simplex and duplex 1.6 mm jumper cords. They are intended for use in central offices, local area networks (LANs), and in patch cords for premises distribution systems (PDS). The connectors can also be used in computer backplane connections, computer peripheral interconnections, device terminations, and other applications where quality, small-size, high-density, low-loss and low-cost infrastructure are required.

### Technical Information & Standards

Specifications: Not for jumper cordage

Length: 3.2 cm (1.259 in.)

Tip material: ceramic

Multimode: average loss: 0.2 dB. standard deviation 0.1 dB

Single-mode: average loss: 0.2 dB. standard deviation 0.1 dB

Insertion loss change: less than 0.3 dB mating durability for 500 reconnects

Cable retention: less than 0.3 dB

Temperature stability -40° to 75°C

Patch cord's LC connector is spring-loaded with no key

Behind-the-plate LC connectors are NOT spring-loaded and have a key

### BEHIND-THE-WALL (900 $\mu\text{m}$ ) MULTIMODE EZ-LC CONNECTOR



Anixter No.	Vendor No.	Description	Material ID
305059	MFC-LCR-09-BG	BTW LC Connector, pre-radiused, for 0.9 mm multimode buffered fiber, beige/white	760034181

### BEHIND-THE-WALL (900 $\mu\text{m}$ ) SINGLE-MODE EZ-LC CONNECTOR

Anixter No.	Vendor No.	Description	Material ID
305061	SFC-LCR-09-BL	BTW LC Connector, pre-radiused, for 0.9 mm single-mode buffered fiber, blue/white	760034199

### JUMPER CORDAGE (1.6 MM) MULTIMODE JUMPER CONNECTOR

Anixter No.	Vendor No.	Description	Material ID
332688	MDC-LCR-16-BG	LC connector for 1.6 mm cordage, duplex, pre-radiused, multimode	760034157

### JUMPER CORDAGE (1.6 MM) SINGLE-MODE EZ-LC CONNECTOR

Anixter No.	Vendor No.	Description	Material ID
332836	SFC-LCR-16-BL	LC connector for 1.6 mm cordage simplex, pre-radiused	760034173
397351	LC DUPLEX CLIP	LC Duplex Clip, polarity reversible	760039669

### KEYED PRE-RADIUS FOR 1.6 MM CORDAGE DUPLEX



Anixter No.	Vendor No.	Description	Material ID
394558	MDC-LCR-16-KAQ	Multimode, aqua	760102475
394559	MDC-LCR-16-KBK	Multimode, black	760102533
394560	MDC-LCR-16-KSL	Multimode, slate	760102509
394567	SDC-LCR-16-KAQ	Single-mode, aqua	760102806
394568	SDC-LCR-16-KBK	Single-mode, black	760102863
394569	SDC-LCR-16-KSL	Single-mode, slate	760102830

### KEYED PRE-RADIUS FOR 1.6 MM CORDAGE SIMPLEX

Anixter No.	Vendor No.	Description	Material ID
394564	MFC-LCR-16-KAQ	Multimode, aqua	760102368
394565	MFC-LCR-16-KBK	Multimode, black	760102426
394566	MFC-LCR-16-KSL	Multimode, slate	760102392
394573	SFC-LCR-16-KAQ	Single-mode, aqua	760102699
394574	SFC-LCR-16-KBK	Single-mode, black	760102756
394575	SFC-LCR-16-KSL	Single-mode, slate	760102723

### KEYED PRE-RADIUS FOR 0.9 MM CORDAGE SIMPLEX

Anixter No.	Vendor No.	Description	Material ID
394561	MFC-LCR-09-KAQ	Multimode, aqua	760102582
394562	MFC-LCR-09-KBK	Multimode, black	760102640
394563	MFC-LCR-09-KSL	Multimode, slate	760102616
394570	SFC-LCR-09-KAQ	Single-mode, aqua	760102939
394571	SFC-LCR-09-KBK	Single-mode, black	760102996
394572	SFC-LCR-09-KSL	Single-mode, slate	760102962

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# Connectors and Adapters

(continued) LC Connectors

QWIK II CONNECTOR



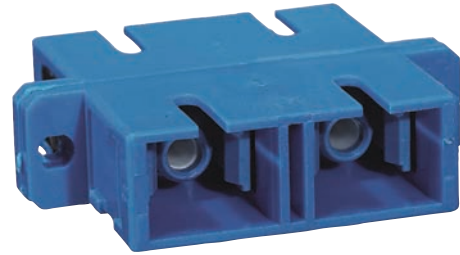
Anixter No.	Vendor No.	Description	Material ID
413720	MFC-LCF-09-5X-25	Multimode 50/125, 25 pack, aqua	760117911
352560	MFC-LCF-09-6X-25-PACK	Multimode 62.5/125, 25 pack, beige	760117937
414581	SFC-LCF-09-8X-25-PACK	Single-mode, 25 pack, blue	760117929

TOOL KITS AND CRIMP FIXTURES FOR LC CONNECTORS

Anixter No.	Vendor No.	Description	Material ID
213172	1032H	EZ LC, SC, STII tool kit. Uses anaerobic method. Does not contain crimp tool	700005838
402869	QWIKII-TERM-TOOL-KIT-ALL	Qwik II Master termination tool kit	760119131

Length: 5 cm (1.96 in.)  
 Loss repeat (200 reconnects): less than 0.3 dB  
 Minimum axial load: cable: 13.6 kg; buffer: 0.9 kg (1.98 lb.)  
 Temperature stability (-40° to 75°C): less than 0.3 dB increase  
 Average loss MM: 0.3 dB  
 Average loss SM: 0.2 dB (tuned)  
 Average loss SM: 0.3 dB (untuned)

EZ-SC CONNECTORS, NON-TUNABLE

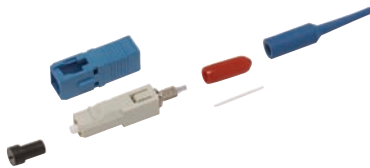


These connector kits can be used on 1.6 mm cordage or mini-breakout cable with the addition of tool kit D-182918 and 500B tool.

Anixter No.	Vendor No.	Description	Material ID
414995	MFC-SCR-09-BG	BTW SC-B, for 0.9 mm multimode buffered fiber, beige/white	760007070
266858	P6201B-Z-125	BTW SC-B, for 0.9 mm multimode buffered fiber, beige/white	760007070
266836	SFC-SCR-30-BL	BTW SC-B connector for 3.0 mm cordage simplex, single-mode	760007096
266837	SFC-SCR-09-BL	BTW SC-B, for 0.9 mm single-mode buffered fiber, blue/white	760007112
266859	MFC-SCR-09-BG-100-BULK-PACK	BTW SC-B connector for 0.9 mm buffered fiber, multimode, 100-pack	760007088

## SC Connectors

COMMSCOPE-ENTERPRISE SOLUTIONS



The SC Multimode Fiber Optic Connector is a field-mountable, tuneable connector which utilizes a domed zirconia ferrule for fiber alignment, and push-pull hardware that provides easier connections as well as high optical stability. The connector can be used in high-density applications while not being affected by axial cable loads. The cable is crimped to the outer hardware and therefore prevents momentary disconnect when axial load is placed on the cable. Available in multimode and single-mode versions.

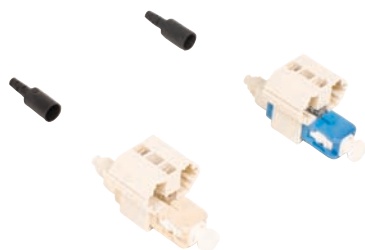
The P600A-Z-125 and P6200A-Z-125 can be mounted on 3.0 mm cordage only, while the P6001A-Z-125 and P6201A-Z-125 mount on the 0.9 buffered fiber.

### Technical Information & Standards

Fits 0.9 mm buffered fiber, 3 mm cordage and 1.6 mm cord. When terminating on mini cordage, an adapter kit (Part No. 195867) and tool (Part No. 195868) must be used to build the cable up to 0.9 mm

# Connectors and Adapters

## QWIK-SC CONNECTOR



Anixter No.	Vendor No.	Description	Material ID
415292	MFC-SCF-09-5X-25-PACK	Multimode 50/125, aqua, 25 pack	760117978
414578	MFC-SCF-09-6X-25-PACK	Multimode 62.5/125, beige, 25 pack	760117994
402864	SFC-SCF-09-8X-25-PACK	Single-mode, 25 pack	760117986

## TOOL KITS AND CRIMP FIXTURES FOR SC CONNECTORS

Anixter No.	Vendor No.	Description	Material ID
213172	1032H	EZ LC, SC, STII tool kit. Uses anaerobic method. Does not contain crimp tool	700005838
157627	1032F1	SC, ST, STII tool kit. Uses EZ method. Connectors and consumable kits ordered separately.	700005929
402869	QWIKII-TERM-TOOL-KIT-ALL	Qwik II Master termination tool kit	760119131

## CLIPS

Anixter No.	Vendor No.	Description	Material ID
152525	2A1	SC duplex connector clips. (Clips together two simplex connectors to form a duplex connector)	700002165
210496	2A1	SC duplex clip (1,000 pack)	700005358

## ST Connectors

### COMMSCOPE-ENTERPRISE SOLUTIONS

The STII Connector Plug is a keyed ceramic fiber optic connector plug that uses a bayonet-type "ramped latching" mounting arrangement. The ferrule is made of zirconium which provides for easy, accurate field polishing. STII Connectors will accept 125 micron outside diameter multimode fiber. The design of the STII provides high optical performance and easy mounting in a rugged, compact connector plug. The STII can mount on either 0.9 mm buffered fiber, or 2.4 mm or 3.0 mm cordage (or equivalent). The STII is available in both single-mode and multimode.

### Technical Information & Standards

- Length: 5.64 cm (2.2 in.)
- Temperature stability (-40° to 85°C): less than 0.1 dB increase
- Loss repeat (500 reconnects): less than 0.2 dB
- Minimum axial load - cable: 15.9 kg (35 lb.)
- Multimode average loss: 0.3 dB
- Single-mode average loss: 0.2 dB

### EZ-STII CONNECTORS



Anixter No.	Vendor No.	Description	Material ID
170290	P2020C-Z-125	Multimode, grey	700004328
157475	SFC-STU	Single-mode, yellow	700011067
118974	P2020C-C-125	Multimode	700004583

### QWIK-ST CONNECTORS



Anixter No.	Vendor No.	Description	Material ID
415293	MFC-STF-09-5X-25-PACK	Multimode, 25 pack, aqua	760118034
414579	MFC-STF-09-6X-25-PACK	Multimode, 25 pack, beige	760118059

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# Connectors and Adapters

(continued) ST Connectors

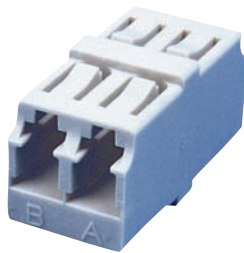
TOOL KITS AND CRIMP FIXTURES FOR STII CONNECTORS

Anixter No.	Vendor No.	Description	Material ID
213172	1032H	EZ LC, SC, STII tool kit. Uses anaerobic method. Does not contain crimp tool	700005838
157627	1032F1	SC, ST, STII tool kit. Uses EZ method. Connectors and consumable kits ordered separately.	700005929
402869	QWIKII-TERM-TOOL-KIT-ALL	Qwik II Master termination tool kit	760119131

These connector kits can be used on 1.6 mm cordage or mini-breakout cable with the addition of tool kit D-182918 and 500B tool.

## LC Duplex Adapters

COMMSCOPE-ENTERPRISE SOLUTIONS

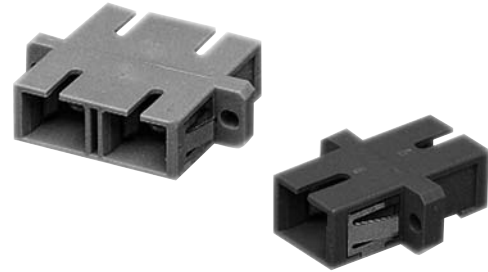


The LC Duplex Adapter accommodates two LC connectors while only occupying the space of a simplex SC coupling. It features a self-adjusting mechanism designed to accommodate panel thickness variations from 0.15 cm to 0.175 cm (0.059 in. to 0.068 in.). It is available in both single-mode and multimode. LC Duplex Adapters are color-coded aqua for LazrSPEED 50 μm multimode, beige for 62.5 μm multimode and blue for single-mode.

Anixter No.	Vendor No.	Description	Material ID
219270	MFA-LC02-AQ	LC duplex adapter, aqua, for LazrSPEED 50/125 multimode fiber	108622887
196838	MFA-LC02-BG	LC duplex adapter, beige, for OptiSPEED 62,5/125 multimode fiber	700002355
196944	SFA-LC02-BL	LC duplex adapter, blue, for TeraSPEED 8.3/125 single-mode fiber	700002215
394576	HFA-LC02-KAQ	Keyed LC adapter, aqua	760090621
394577	HFA-LC02-KBK	Keyed LC adapter, black	760058867
394578	HFA-LC02-KSL	Keyed LC adapter, slate	760090654

## SC Adapters

COMMSCOPE-ENTERPRISE SOLUTIONS



The SC adapter accommodates the multimode or single-mode simplex or duplex SC connectors and ensures the proper alignment of the fibers. This adapter is easily mounted by snapping them into the adapter panel.

The C6000A-4 and the C6000A-5 are ceramic. The C6061A-4 sleeve is metallic and the C6060A-4 sleeve is ceramic.

### SIMPLEX

Anixter No.	Vendor No.	Description	Material ID
149483	SFA-SC01-BL	SC simplex single-mode and adapter, snap-in flue, zirconia ceramic	700004807
181840	SFA-SC01-BL-FLANGLESS	SC simplex single-mode and multimode adapter, snap-in flangeless, blue, zirconia ceramic	700004799
289337	MFA-SC01-BG-FLANGLESS	SC simplex OptiSPEED adapter, beige	108223181

### DUPLEX

Anixter No.	Vendor No.	Description	Material ID
149482	SFA-SC02-BL	SC duplex adapter, blue, for TeraSPEED 8.3/125 single-mode fiber	700004815
164129	MFA-SC02-BG	SC duplex adapter, beige, for OptiSPEED 62,5/125 multimode fiber	700004880
236453	MFA-SC02-AQ	SC duplex adapter, aqua, for LazrSPEED 50/125 multimode fiber	108622895

## Connectors and Adapters

## ST Adapters

COMMSCOPE-ENTERPRISE SOLUTIONS



The C2000A and C3000A Adapters accommodate the STII Connector Plugs and ensure the proper alignment of the fibers. The adapter is based on a longitudinally split sleeve; the thickness of the sleeve's wall varies, causing its inside diameter to remain circular even when a cylindrical ferrule forces it open.

The C2000A Adapters are packaged with the coupling itself, lock washer and hex nut for mounting onto the coupling panels.

The LC adapters are pre-radiused and keyed. They are also for either 1.6 mm cordage or 0.9 mm cordage.

## HEX NUT

These adapters should not be used with the high-density shelf

Anixter No.	Vendor No.	Description	Material ID
088987	MFA-ST01	ST adapter, multimode, threaded, nickel-plated brass, plastic	700004864
105263	SFA-ST01	ST adapter with Hex Mounting Nut, silver, for TeraSPEED single-mode fiber	700011133

## ROUND NUT

These adapters should be used with the high-density shelf

Anixter No.	Vendor No.	Description	Material ID
184324	MFA-ST01-CMN	ST adapter, multimode, threaded, nickel-plated zinc, plastic	700004914
184326	SFA-ST01-CMN	ST adapter, single-mode, threaded, nickel-plated zinc, plastic	760000638

NOTE: ST adapters now come with a white dust cap for single-mode and a gray dust cap for multimode.

## Keyed LC Adapters and Connectors

COMMSCOPE-ENTERPRISE SOLUTIONS

Today's facilities often employ more than one network and need mechanical security to limit access and prevent inadvertent cross-connection. The Uniprise Keyed LC products have special molded features on the plug and molded keys in the adapter to reduce the chance of unauthorized connections. Four plug-adapter combinations exist, identified by color, and in order for a connection to be possible, the plug and adapter colors must match. If the colors do not match, the keying features will prevent the connector from carrying the signal. Uniprise Keyed LC plugs will not mate with standard LC adapters, only the matching, same-color couplers.

## FEATURES

- Duplex LC adapter mounts in the same footprint as a simplex SC adapter
- Small form factor is half the size of standard connectors
- RJ-style housing
- Single-fiber ferrule for maintaining proper polarity
- Pull-proof for jumper
- UPC finish
- Anti-snap latch for jumper
- Minimal polish
- Standards compliant
- Standard Uniprise installation procedure
- Four keys in distinct colors
- Adapters come standard with ceramic sleeves
- Available in behind-the-wall (BTW), simplex jumper and duplex jumper versions
- Universal black key available for use while testing
- Doubles density
- Disengages easily in dense spaces
- Maintains transmit/receive direction
- Maintains optical contact
- Helps minimize transmission problems
- Improves durability and reduces cross-connect rearrangement effort
- Reduces installation time for field-mountable connectors

For more information and how to order, please contact your local sales representative.

# Connectors and Adapters

## Universal Polishing Kits

### COMMSCOPE-ENTERPRISE SOLUTIONS

SYSTIMAX Solutions' Universal Polishing Kits make terminations of all SYSTIMAX fiber connectors easier and faster to install. This procedure allows contractors, distributors and end-users to order only one polishing kit for multimode connectors and one polishing kit for single-mode connectors.

#### FEATURES

- Multimode connectors, only one polishing paper and two steps
- Single-mode connectors, only two polishing papers and three steps
- Fewer polishing steps and strokes for the new pre-radiused LC connector
- Reduces the number of papers to purchase and maintain
- Reduces confusion over which paper to use at which step
- Easier logistics for ordering and maintaining stock
- One multimode consumables kit for all three connector styles, (ST, SC, LC)
- One single-mode consumables kit for all three connector styles (ST, SC, LC)
- Quality terminations with excellent performance

#### CONSUMABLES KITS

Anixter No.	Vendor No.	Description	Material ID
353609	KIT-C-UNIV-M-100	Multimode, LC pre-radius and SC/STII, uses EZ method	760066720
353610	KIT-C-UNIV-S-100	Multimode and single-mode, LC pre-radius and SC/STII, uses EZ method	760066738

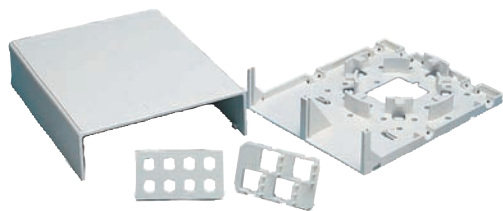
#### TOOL KITS

Anixter No.	Vendor No.	Description	Material ID
152526	1032B5	EZ LC, SC, STII tool kit. Uses epoxy method. Includes oven	700006026
213172	1032H	EZ LC, SC, STII tool kit. Uses anaerobic method. Does not contain crimp tool	700005838



## M40A1 Multimedia Information Outlet

COMMSCOPE-ENTERPRISE SOLUTIONS



The M40A1 Outlet is a surface-mounted multimedia outlet box. Its modular design makes it adaptable, via panel inserts (ordered separately), for termination of fiber optic and/or copper cables. The M40A1 Outlet can accept two modular panels which hold the copper or fiber terminations. Some of the available panels are: 40ST4 which accepts four ST couplings, M40DSC which accepts four duplex SC couplings, and the M40RJ4A which accepts four M-Series information outlets.

The cover of the outlet has six knockouts for surface-run cable entry from several directions and can be mounted directly on a wall or over a U.S. standard electrical box. The M40 outlet comes equipped with one M40RJ4A and one M40ST8 panel. Other panels must be ordered separately. The panels are orderable in minimum quantities of 10 panels per order.

**FEATURES**

- Surface-mount
- Accommodates fiber and copper
- Fiber spool
- Comes with one ST 8-panel and one M-Series 4-panel

**Technical Information & Standards**

Dimensions:

Outlet height: 6.889 in. (17.5 cm)

Outlet width: 5.590 in. (14.2 cm)

Outlet depth: 1.614 in. (4.1 cm)

Panel height: 1.4566 in. (3.7 cm)

Panel width: 2.637 in. (6.7 cm)

Panel depth: 2.086 in. (5.3 cm)

Anixter No.	Vendor No.	Description	Material ID
188949	M40A1-B-262	One 4-port surface-mount box, white	107992927
192495	M40RJ4A-262	4-port modular panel, type 40, white	108004268
175445	M40ST8-262	White panel holds eight ST couplings	107239485
163448	MD40DSC4-262	Panel for four SC adapters	107239493
524253	M40ST4-262	4-port ST panel, type 40, threaded, white	107800658
191155	M81SC-B	SC adapter with mounting module	108009416
190662	M81ST-B	ST adapter with mounting module	108009408
185076	M81LC-029	Multimode adapter with clear collar	107782641

## M13CLS Furniture Faceplates

COMMSCOPE-ENTERPRISE SOLUTIONS

The M13CLS modular furniture faceplate is designed for use with one M81LS duplex adapter. The remaining two openings can be used for M-Series copper outlets or left blank. The M13CLS is available in five colors to complement any office decor.

The M81LS-LS duplex adapter provides a duplex LC connection with fiber management. It can also be used in the M-Series modular faceplates. The M81LS-LS is aqua-colored for ease of fiber type identification and provides slack management to maintain proper bend radius behind the wall.

## FACEPLATES; THREE CONNECTOR PORTS

Anixter No.	Vendor No.	Description	Material ID
219323	M13CLS-246	Ivory	108564675
219324	M13CLS-262	White	108564683
223299	M13CLS-003	Black	108564709
223300	M13CLS-270	Gray	108564691

## LC DUPLEX COUPLERS WITH FIBER SPOOL

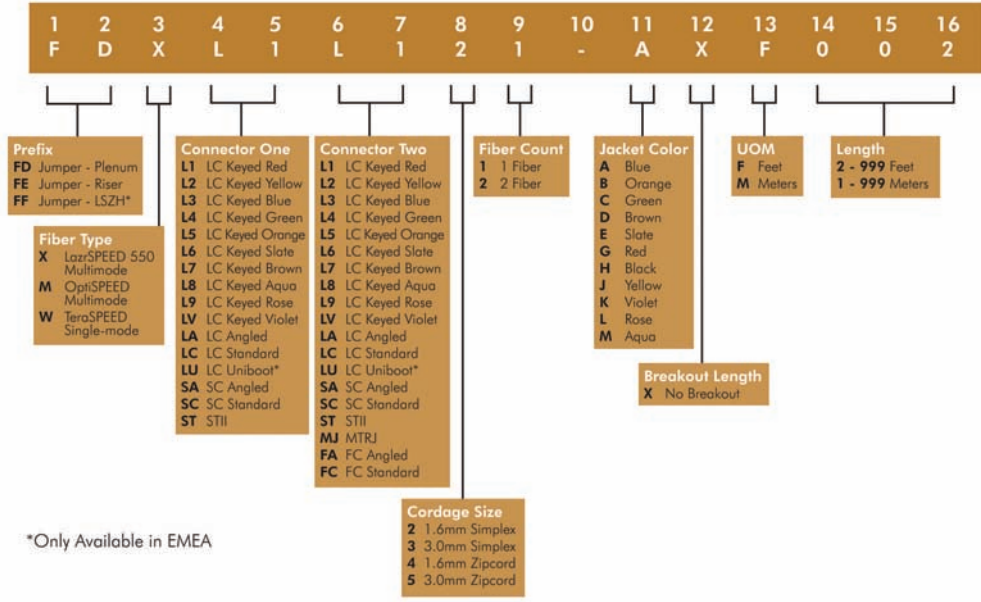
Anixter No.	Vendor No.	Description	Material ID
219321	M81LS-MM SPOOL	Multimode LC duplex adapter with fiber spool (beige)	108562174
219322	M81LS-SM SPOOL	Single-mode LC duplex adapter with fiber spool (blue)	700007420
250435	M81LS-LS SPOOL	LazrSPEED LC duplex adapter with fiber spool (aqua)	108623109

# Cable Assemblies

## Fiber Patch Cords

COMMSCOPE-ENTERPRISE SOLUTIONS

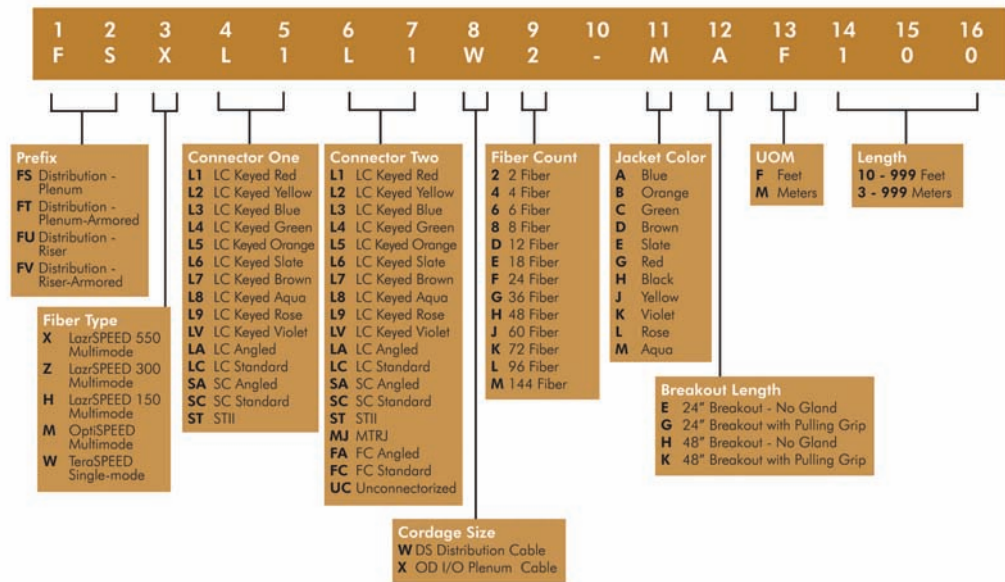
### Fiber Patch Cords (Product Code Configurator)



## Fiber Cable Assemblies

COMMSCOPE-ENTERPRISE SOLUTIONS

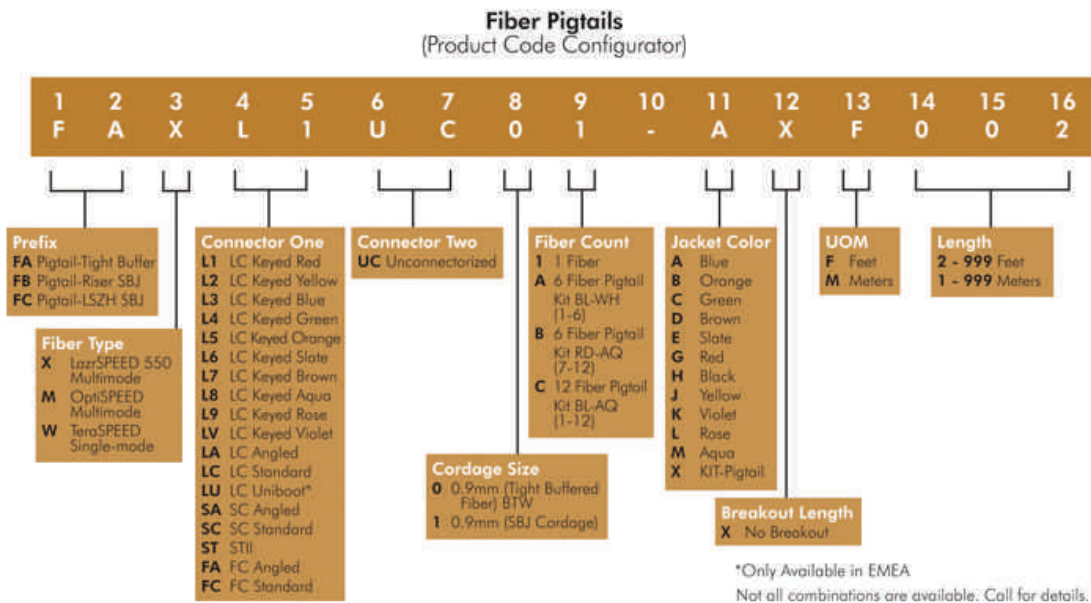
### Fiber Cable Assemblies



# Cable Assemblies

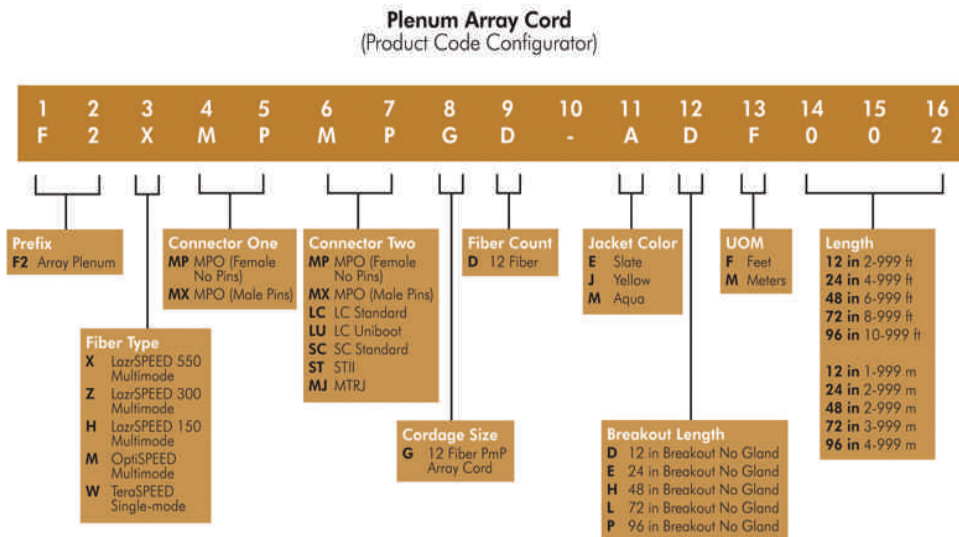
## Fiber Pigtails

COMMSCOPE-ENTERPRISE SOLUTIONS



## Plenum Array Cords

COMMSCOPE-ENTERPRISE SOLUTIONS

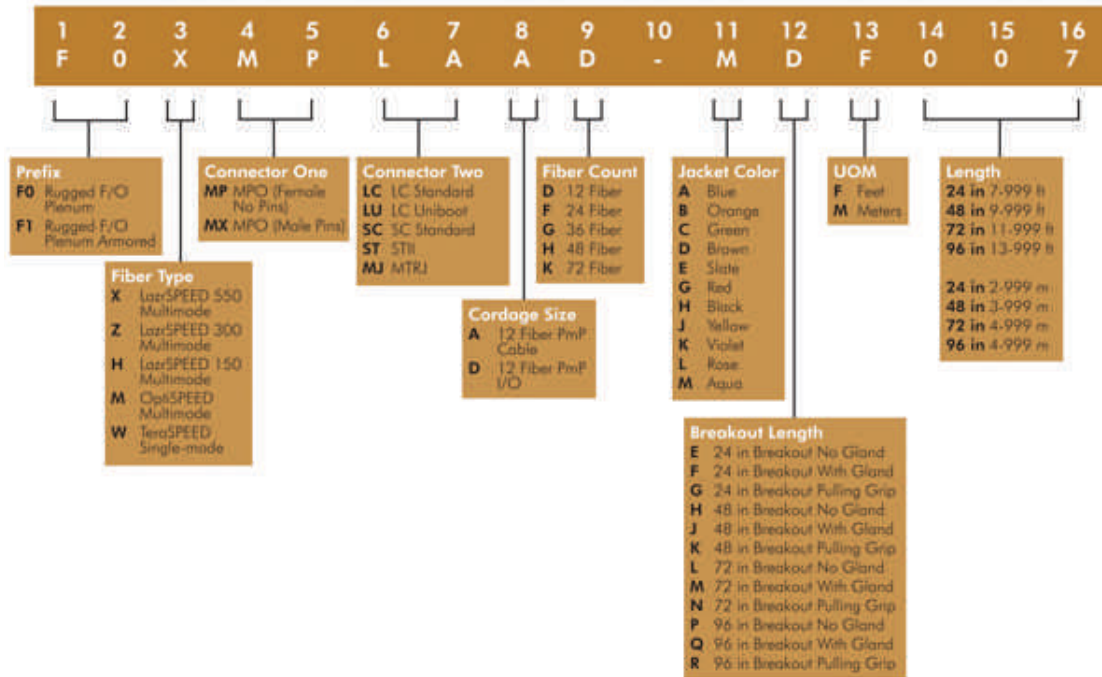


# Cable Assemblies

## Plenum Ruggedized Fanout Cords

COMMSCOPE-ENTERPRISE SOLUTIONS

### Plenum Ruggedized Fanout (Product Code Configurator)



## Preterminated Solutions

## InstaPATCH 360

## COMMSCOPE-SYSTIMAX SOLUTIONS

The InstaPATCH 360 System incorporates SYSTIMAX LazrSPEED multimode, OptiSPEED multimode and TeraSPEED single-mode fiber technologies to support today's most demanding applications.

The preterminated hardware of the SYSTIMAX LazrSPEED Solution is built with LazrSPEED 550 multimode fiber, providing for the capability to support 10 Gbps Ethernet applications, as well as emerging OM4, 40 Gbps/100 Gbps Ethernet and 16 Gbps Fiber Channel standards. The preterminated hardware has "low-loss" performance characteristics, coupled high bandwidth, to provide best-in-class application support. Trunk cables are available in LazrSPEED 150, 300 and 550 performance grades to address the wide range of requirements of system operators.

The InstaPATCH 360 System includes modules, trunk cables, rugged fan-outs, array cords and fiber patch cords. The system requires no special components to manage and maintain polarity within each channel.

## FEATURES

- LazrSPEED shelves and modules are constructed with LazrSPEED 550 to provide headroom for future system upgrades
- TeraSPEED offers 60 percent increase in bandwidth due to zero water peak in the E-band (1400 nm window) in single-mode applications
- Factory-terminated and -tested cable and apparatus for instant field connections with guaranteed quality and performance
- 12-fiber MPO connector based modular design enables simple connections
- Provides opportunities for lower total installed system cost (material plus labor)
- Up to 50 percent savings in space due to the increased density
- Designed for administrative convenience - guaranteed transmit-to-receive connectivity
- Modules are compatible with G2 Modular Cassette footprint
- No special polarity components single module design, standard patch cords
- Easy upgrade path to parallel connectivity and wavelength division multiplexing applications
  - 40 Gbps / 100 Gbps Ethernet
  - 16 Gbps Fiber Channel
- Supports easy reconfiguration for moves, adds and changes
- Improved fiber patch cord management and improved labeling capabilities
- Automatic shutter for LC adapters
- Developed by CommScope Labs and backed by the best-in-industry SYSTIMAX warranty

## EMPTY MODULAR SHELVES

Anixter No.	Vendor No.	Description	Material ID
390408	360G2-4U-MOD-FX	360G2 4U fixed modular cassette shelf, accepts 12 modules	760101055
390393	360G2-1U-MOD-FX	360G2 1U Fixed iPatch-Ready modular cassette shelf, accepts four MOD cassettes or two RoloSplices with three trays each	760103150
401194	360MP-1U	360G2 1U Panel, accepts four modules	760106617

## MODULES

Anixter No.	Vendor No.	Description	Material ID
401195	360DM-24LC-LS	InstaPATCH 360 Module, 24 LC LazrSPEED	760109884
401196	360DM-12LC-LS	InstaPATCH 360 Module, 12 LC LazrSPEED	760109926
401197	360DM-12SC-LS	InstaPATCH 360 Module, 12 SC LazrSPEED	760109967
401198	360DM-24LC-MM	InstaPATCH 360 Module, 24 LC OptiSPEED	760109900
401199	360DM-12LC-MM	InstaPATCH 360 Module, 12 LC OptiSPEED	760109942
401200	360DM-12SC-MM	InstaPATCH 360 Module, 12 SC OptiSPEED	760109983
401201	360DM-24LC-SM	InstaPATCH 360 Module, 24 LC TeraSPEED	760109892
401202	360DM-12LC-SM	InstaPATCH 360 Module, 12 LC TeraSPEED	760109934
401203	360DM-12SC-SM	InstaPATCH 360 Module, 12 SC TeraSPEED	760109975

## PASS-THRU PANELS

Anixter No.	Vendor No.	Description	Material ID
401204	360DP-BLANK	G2 Adapter Panel, blank	760107482
401205	360DP-2MPO	Distribution Panel 2 MPO	760107490
401206	360DP-4MPO	Distribution Panel 4 MPO	760107508
401207	360DP-6MPO	Distribution Panel 6 MPO	760107516
401208	360DP-8MPO	Distribution Panel 8 MPO	760107524

# Rack-mountable Hardware

## 360G2 Modular System

### COMMSCOPE-SYSTIMAX SOLUTIONS

The 360 G2 shelves are designed to accept InstaPATCH 360 modules as well as being used for traditional G2 connectivity. This shelf is the Next Generation (G2) high-capacity, high-density fiber shelf. It has a unique design that brings all features and benefits of the 360 G2 shelves for use in the InstaPATCH 360 product line. The modular system also features interchangeable modules as well as splices.

#### EMPTY MODULAR SHELVES



Features the elegant 360 design. Offered in fixed and sliding options. Available in 1RU and 2RU sizes. 360G2 1U Modular Shelf is available in iPatch-Ready versions (field upgradable to iPatch without the need to remove patch cords, meaning no network downtime) or factory assembled iPatch versions.

Anixter No.	Vendor No.	Description	Material ID
<b>390393</b>	360G2-1U-MOD-FX	360G2 1U Fixed iPatch-Ready modular cassette shelf, accepts four MOD cassettes or two RoloSplices with three trays each	760103150
<b>390394</b>	360G2-1U-MOD-SD	1U sliding modular cassette shelf	760103085
<b>390401</b>	360G2-2U-MOD-FX	2U fixed modular cassette shelf	760103168
<b>390402</b>	360G2-2U-MOD-SD	360 iPatch G2 HD fiber shelf, slide	760103143

#### LAZRSPEED CARTRIDGES



Anixter No.	Vendor No.	Description	Material ID
<b>396689</b>	360G2 CARTRIDGE 12-LC-LS-AQ	360G2 Cartridge 12 LC LazrSPEED (50/125) aqua	760109256
<b>396698</b>	360G2 CARTRIDGE 6-SC-LS-AQ	360G2 Cartridge six SC LazrSPEED (50/125) aqua	760109298
<b>396710</b>	360G2 CARTRIDGE 6-ST-LS-AQ	360G2 Cartridge six ST LazrSPEED aqua	760109330

#### OPTISPEED CARTRIDGES



Anixter No.	Vendor No.	Description	Material ID
<b>396691</b>	360G2 CARTRIDGE 12-LC-MM-BG	360G2 Cartridge 12 LC OptiSPEED (62.5/125) beige	760109264
<b>396701</b>	360G2 CARTRIDGE 6-SC-MM-BG	360G2 Cartridge six SC OptiSPEED (62.5/125) beige	760109306
<b>396713</b>	360G2 CARTRIDGE 6-ST-MM-BG	360G2 Cartridge six ST OptiSPEED beige	760109348

#### TERASPEED CARTRIDGES

Anixter No.	Vendor No.	Description	Material ID
<b>396693</b>	12-LC-SM-BL	360G2 Cartridge 12 LC TeraSPEED blue	760109272
<b>396704</b>	360G2 CARTRIDGE 6-SC-SM-BL	360G2 Cartridge six SC TeraSPEED, blue	760109314
<b>396716</b>	360G2 CARTRIDGE 6-ST-SM-BL	360G2 Cartridge six ST TeraSPEED blue	760109355

#### ROLOSPLICE

Anixter No.	Vendor No.	Description	Material ID
<b>310184</b>	RS-00	Empty RoloSplice, accepts four splice trays	760027516
<b>310186</b>	RS-2AM-12SF	RoloSplice kit with two mechanical splice trays	760039859
<b>310187</b>	RS-2AF-16SF	RoloSplice kit with two fusion splice trays	760039867
<b>310183</b>	RS-4AM-12SF	RoloSplice equipped with 4X mechanical splice tray	760031849
<b>310329</b>	RS-4AF-16SS	RoloSplice equipped with 4X fusion splice tray	760031856

## Rack-mountable Hardware

## 360G2 Panel System

## COMMSCOPE-SYSTIMAX SOLUTIONS

Bend limiters maximize space by integrating into the shelf trough. Push/push-style latch on the front trough door improves access to shelf interior. Unique open-floor trough design enhances access for patch cord latching and de-latching. Displays intuitively-placed port labeling when door is open. Features the elegant SYSTIMAX 360 design. Offered in fixed and sliding options. Available in 1RU and 2RU sizes.

## 360G2 SHELVES

Anixter No.	Vendor No.	Description	Material ID
395535	360G2-1U-UP-FX	1U fixed without faceplate shelf	760103176
395536	360G2-1U-UP-SD	1U sliding without faceplate shelf	760103184

## PANELS

Anixter No.	Vendor No.	Description	Material ID
310209	G2-1U-24LC-DPLX-EMT	Takes 24 duplex LC adapters	760033845
310210	G2-1U-24LC-SPLX-EMT	Takes 24 simplex LC adapters	760033852
310211	G2-1U-24SC-DPLX-EMT	Takes 24 duplex SC adapters	760033860
310213	G2-1U-24SC-SPLX-EMT	Takes 24 simplex SC adapters	760033886
310212	G2-1U-12SC-DPLX-EMT	Takes 12 duplex SC adapters	760033878
310214	G2-1U-12SC-SPLX-EMT	Takes 12 simplex SC adapters	760033894
310215	G2-1U-24ST-SPLX-EMT	Takes 24 simplex ST adapters	760033902
310216	G2-1U-12ST-SPLX-EMT	Takes 12 simplex ST adapters	760033910

## 360G2 MODULAR DISTRIBUTION PANELS

The LC Modular Distribution Panels are iPatch Ready; thus allowing a network system to be upgraded with intelligence in the future. These 360G2 Cartridges and Bezels are reverse compatible with current 1000G2 and 600G2 MOD Shelves. It supports easy configurations for moves adds and changes. Also, no special fiber patch cords are required for the iPatch Ready Field Upgrade and no fiber disconnects to install the iPatch Ready Field Upgrade.

Anixter No.	Vendor No.	Description	Material ID
414564	360DP-24LC-LS	Distribution Panel 24 LC LazrSPEED	760115907
425361	360DP-24LC-MM	Distribution Panel 24 LC OptiSPEED	760115923
396677	360DP-12LC-LS	Distribution Panel 12 LC LazrSPEED, iPatch Ready	760109363
396678	360G2 BEZEL 12-LC-MM-BG	Distribution Panel 12 LC OptiSPEED, iPatch Ready	760109371
396679	360DP-12LC-SM	Distribution Panel 12 LC TeraSPEED, iPatch Ready	760109389
396680	360G2 BEZEL 12-LCA-SM-GR	Distribution Panel 12 LCA TeraSPEED, iPatch Ready	760109751

Anixter No.	Vendor No.	Description	Material ID
396682	360G2 BEZEL 6-SC-LS-AQ	Distribution Panel 6 SC LazrSPEED	760109397
396683	360G2 BEZEL 6-SC-MM-BG	Distribution Panel 6 SC OptiSPEED	760109405
396686	360G2 BEZEL 6-ST-LS-AQ	Distribution Panel 6 ST LazrSPEED	760109421
396687	360G2 BEZEL 6-ST-MM-BG	Distribution Panel 6 ST OptiSPEED	760109439
401205	360DP-2MPO	Distribution Panel 2 MPO	760107490
401206	360DP-4MPO	Distribution Panel 4 MPO	760107508
401207	360DP-6MPO	Distribution Panel 6 MPO	760107516
401208	360DP-8MPO	Distribution Panel 8 MPO	760107524

## ROLOSPLICE

Anixter No.	Vendor No.	Description	Material ID
310184	RS-00	Empty RoloSplice, accepts four splice trays	760027516
310186	RS-2AM-12SF	RoloSplice kit with two mechanical splice trays	760039859
310187	RS-2AF-16SF	RoloSplice kit with two fusion splice trays	760039867
310183	RS-4AM-12SF	RoloSplice equipped with 4X mechanical splice tray	760031849
310329	RS-4AF-16SS	RoloSplice equipped with 4X fusion splice tray	760031856

# Rack-mountable Hardware

## Intelligent Infrastructure Solutions - iPatch

### COMMSCOPE-SYSTIMAX SOLUTIONS

Built on world-renowned high-performance SYSTIMAX copper and fiber connectivity, SYSTIMAX Intelligent Infrastructure Solutions are more than just hardware - they are comprehensive, fully supported solutions that have been engineered to help you document, manage and monitor your physical network infrastructure.

SYSTIMAX iPatch hardware, including intelligent copper panels, fiber optic shelves and infrastructure control systems, gives you a vision into real-time changes to your physical layer network.

SYSTIMAX iPatch System Manager Infrastructure Operations Software correlates this vision with information from networking equipment, IP endpoints and other systems to provide knowledge of how the network layer devices map to the physical layer.

This combination of hardware and software - of vision and knowledge - gives you unprecedented control of your physical layer infrastructure. You will have what you need for a real-time, comprehensive view of your physical network infrastructure to document, plan and execute changes.

Backed by the SYSTIMAX Intelligent Infrastructure Solutions research, development and support teams and CommScope's Certified iPatch Business Partners, you will have the support you need to design, install, configure and maintain an Intelligent Infrastructure Solution.

### FEATURES

- Accurate documentation of the end-to-end connectivity between networked devices
- Real-time tracking of changes to physical layer connections
- Alerts on unauthorized or unplanned changes
- Notification of impacts to critical circuits
- Discovery of network devices, with tracking of physical locations
- Service provisioning and electronic work orders for guided deployment in data centers or office environments
- Complete visibility and control of your physical layer infrastructure
- Enhanced productivity through automation and process efficiency
- Reduced cost associated with capacity and asset management
- Real-time enhanced view of the physical location of IP endpoints
- Control of your workflow process
- Reduced MAC (moves, adds and changes) cycle time and rework through guided patching
- Simplified audit and tracking process

### Technical Information & Standards

GigaSPEED:

TIA/EIA Category 6 and 6A compliant

#### INFRASTRUCTURE CONTROL SYSTEMS

Anixter No.	Vendor No.	Description	Material ID
390419	360-IP-PANEL-MGR	360 iPatch Panel Manager	760095562
300359	IPRCKMGR-PLUS	iPatch Rack Manager Plus	760024588
403140	360-IP-NET-MGR-MOD	SYSTIMAX iPatch Network Manager Module	760105353

### 360 IPATCH G2 HIGH DENSITY FIBER SHELF

The 360 iPatch G2 High Density Fiber Shelf accommodates 72 duplex LC ports (144 fibers) in 2U space. It is available empty, with the ability to be populated with 1, 2, or 3 preterminated modules from LazzrSPEED, TeraSPEED or OptiSPEED Solutions. It supports Alpha or Beta Installations and features the elegant SYSTIMAX 360 design.

Anixter No.	Vendor No.	Description	Material ID
390402	360G2-2U-MOD-SD	360 iPatch G2 HD fiber shelf, slide	760103143
390413	360-IP-HD-MOD-LC-LS	360 iPatch G2 HD LS Module	760093344
390414	360-IP-HD-MOD-LC-LS-3	360 iPatch G2 HD LS Module (3-pack)	760093351
390415	360-IP-HD-MOD-LC-TS	360 iPatch G2 HD TS Module	760093369
390416	360-IP-HD-MOD-LC-TS-3	360 iPatch G2 HD TS Module (3-pack)	760093377
390417	360-IP-HD-MOD-LC-OS	360 iPatch G2 HD OS Module	760093385
390418	360-IP-HD-MOD-LC-OS-3	360 iPatch G2 OS Module (3-pack)	760093393

### IPATCH INTELLIGENT FIBER OPTIC SHELVES

Anixter No.	Vendor No.	Description	Material ID
390395	360-IP-G2-1U-LC-FX	24-port, 1U, fixed	760105163
390396	360-IP-G2-1U-LC-SD	24-port, 1U, sliding	760105171
390405	360-IP-UP-KIT-G2-LC	360 iPatch Upgrade Kit for 360G2-1U-MOD shelves with LC cassettes	760105148
266264	IP-600A-12-SC-MMF	12-port duplex SC multimode Intelligent Fiber Shelf with fixed tray, phosphor bronze	760005595
266291	IP-600B-12-SC-MMF	12-port duplex SC multimode Intelligent Fiber Shelf with sliding tray, phosphor bronze	760005629
266287	IP-600A-12-SC-SMF	12-port duplex SC single-mode Intelligent Fiber Shelf with fixed tray, phosphor bronze	760010777
266294	IP-600B-12-SC-SMF	12-port duplex SC single-mode Intelligent Fiber Shelf with sliding tray, phosphor bronze	760010785
290694	IP-600A-24-LC	24-port duplex LC Intelligent Fiber Shelf with fixed tray	760017848
286031	IP-600B-24-LC	24-port duplex LC Intelligent Fiber Shelf with sliding tray	760017855



## Rack-mountable Hardware

## IPATCH INTELLIGENT PRETERMINATED FIBER OPTIC SHELVES

Anixter No.	Vendor No.	Description	Material ID
325426	IP-PTF-12-SC-LS	Preterminated 12-port duplex SC LazrSPEED Intelligent Fiber Shelf	760038513
374025	IP-PTF-12-SC-OS	Preterminated 12-port duplex SC OptiSPEED Intelligent Fiber Shelf	760066183
325427	IP-PTF-12-SC-TS	Preterminated 12-port duplex SC TeraSPEED Intelligent Fiber Shelf	760038521
325428	IP-PTF-24-LC-LS	Preterminated 24-port duplex LC LazrSPEED Intelligent Fiber Shelf	760038539
374026	IP-PTF-24-LC-OS	Preterminated 24-port duplex LC OptiSPEED Intelligent Fiber Shelf	760066191
325429	IP-PTF-24-LC-TS	Preterminated 24-port duplex LC TeraSPEED Intelligent Fiber Shelf	760038547
414699	360-IP-INSTA-LC-4OS	360 iPatch InstaPatch LC, four OS Modules	760117424
414697	360-IP-INSTA-LC-4LS	360 iPatch InstaPatch LC, four LazrSpeed Modules	760117432
414698	360-IP-INSTA-LC-4TS	360 iPatch InstaPatch LC, four TeraSpeed Modules	760117440

Anixter No.	Vendor No.	Description	Material ID
389112	360-IP-1100-GS3-24	360 iPatch 1100GS3 Panel, 24 port	760104984
390252	360-IP-1100-GS3-48	360 iPatch 1100GS3 Panel, 48 port	760105007
389117	360-IP-UP-KIT-1100-24	360 iPatch Upgrade Kit for the 360 1100 24-port Panel	760104992
390262	360-IP-UP-KIT-1100-48	360 iPatch Upgrade Kit for the 360 1100 48-port Panel	760105015
342016	IP-1100GS3-24	iPatch 1100GS3 24-port GigaSPEED XL Intelligent Patch Panel	760067694
342017	IP-1100GS3-48	iPatch 1100GS3 48-port GigaSPEED XL Intelligent Patch Panel	760067702
324576	IP1100GS5-24	iPatch 1100GS3 24-port GigaSPEED XL Intelligent Patch Panel	760051003
325425	IP1100GS5-48	iPatch 1100GS5 48-port GigaSPEED X10D Intelligent Patch Panel	760051011

Anixter No.	Vendor No.	Description	Material ID
359989	IP-M4200I-24	iPatch M4200i 24-port Intelligent Universal Modular Panel without modules	760073866
364057	IP-M4200I-24MFP520	iPatch M4200i 24-port Intelligent UMP with 24 MFP520 GigaSPEED X10D FTP Modules	760083295
392929	360-IP-1100-GS5-24	360 iPatch 1100GS5 panel, 24 port	760107771
392930	360-IP-1100-GS5-48	360 iPatch 1100GS5 panel, 48 port	760107789
425503	IP-M4200I-24-FTP	iPatch M4200i 24-port FTP, blank without modules for FTP	760116665

Anixter No.	Vendor No.	Description	Material ID
396722	IP-SYS-MGR-BASIC	iPatch System Manager Basic	DOWNLOAD 1
396660	IP-SYS-MGR-EE-2K	iPatch System Manager Enterprise up to 2,000 ports	760111187
396661	IP-SYS-MGR-EE-10K	iPatch System Manager Enterprise up to 10,000 ports	760111195
367191	IP-SYS-MGR-EE-UNL	iPatch System Manager Enterprise Unlimited	760090068
396662	IP-SYS-MGR-UPG-2-10	iPatch System Manager Upgrade, 2K to 10K	760111203
396663	IP-SYS-MGR-UPG-10-UNL	iPatch System Manager Upgrade 10K to unlimited	760111229
396664	IP-SYS-MGR-UPG-2-UNL	iPatch System Manager Upgrade, 2K to unlimited	760111211

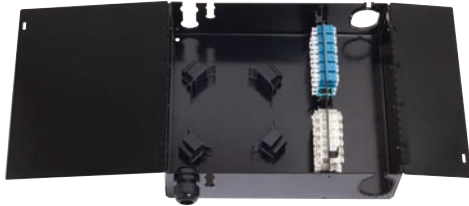
  

Anixter No.	Vendor No.	Description	Material ID
367194	IP-SYS-MGR-ELS-INT	iPatch System Manager Enhanced Location Service for Emergency Response	760083402
367195	IP-SYS-MGR-OPC-INT	iPatch System Manager OPC Integration	760083410

# Wall-mountable Hardware

## Surface Mount Enclosure (SME) for Fiber Optic Applications

COMMSCOPE-SYSTIMAX SOLUTIONS



SYSTIMAX Solutions' Surface Mount Enclosure is used for a combination of splicing and termination of fiber optic building cables, outside plant (OSP) cables or InstaPATCH Plus installations. The enclosure can be used for combined termination and splicing for up to 96 fibers depending on adapter type and configuration and the enclosure can be configured for multiple adapter applications.

The SME boxes are wall-mounted enclosures that are designed to accommodate terminations of up to 96 LC fibers or 48 SC or ST fibers. The enclosures can also be used as splice units to store 96 single fusion splices, 72 mechanical splices with the addition of the appropriate splice holders. The overall dimensions of the shelf are 11 in. (279 mm) high, 13 in. (330 mm) wide, and 3.7 in. (94 mm) deep.

### FEATURES

- Two models are offered, one for four 1000 Series panels or InstaPATCH Plus modules and one for four G2 cartridges or panels
- Security covers for behind-the-wall (BTW) and patch side
- Mount on wall at various orientations
- User access and behind-the-wall access are independently secured with separate pad locks (not included)
- Cable mounting with strain-relief fitting
- Fiber cable protection on patch side
- RoloSplice kits available
- Cable clamp compatible (not included)

### SURFACE-MOUNT ENCLOSURE

Anixter No.	Vendor No.	Description	Material ID
353266	SME-4-G2	Configured for four G2 modules or panels	760060426

### ROLOSPLICE

Anixter No.	Vendor No.	Description	Material ID
310186	RS-2AM-12SF	RoloSplice kit with two mechanical splice trays	760039859
310187	RS-2AF-16SF	RoloSplice kit with two fusion splice trays	760039867
310183	RS-4AM-12SF	RoloSplice equipped with 4X mechanical splice tray	760031849
310329	RS-4AF-16SS	RoloSplice equipped with 4X fusion splice tray	760031856

# Preterminated Solutions

## ReadyPATCH Preterminated Fiber Solution

### COMMSCOPE-UNIPRISE SOLUTIONS

Data centers are critical to the effectiveness of any enterprise, and when it comes to installing or expanding this infrastructure, time is of the essence. Data centers house sensitive business information. As such, data center managers want installers and contractors on site as little as possible during these strategic installations. The Uniprise ReadyPATCH Solution combines preterminated, factory-tested hardware and backbone trunk cables with ruggedized MPO-single fiber fan-out patch cords, array patch cords and standard fiber patch cords. The beauty of ReadyPATCH is that it allows installers to rapidly connect system components in a fraction of the time required with traditional field terminable solutions. Since the solution enables up to 144 fibers to be ready for service at once, time to usability is accelerated dramatically, with factory-guaranteed performance. ReadyPATCH supports the deployment of both multimode and single-mode fiber in any data center.



### FEATURES

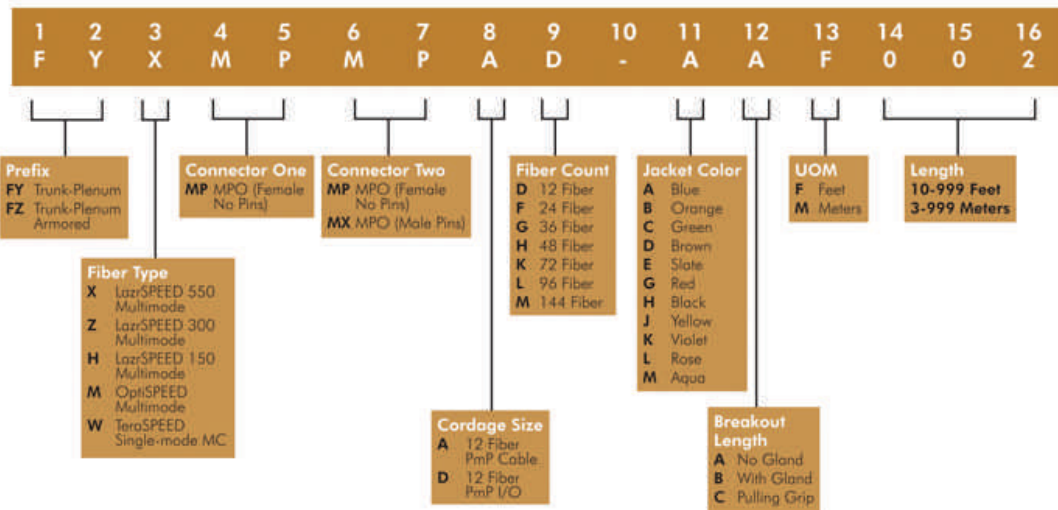
- Factory-terminated and tested cable and apparatus provide instant field connections with guaranteed quality and performance
- Advanced MPO module design features high density and provides up to 50 percent savings in space. Provides opportunities for lower total installed system cost (material plus labor)
- An easy upgrade path from duplex to parallel connectivity enables ultra-high speed/bandwidth applications (10/40/100 Gbps)
- Standards-based (ANSI/TIA-568-C.2) polarity topology requires no special polarity components and ensures guaranteed transmit-to-receive connectivity
- Supports easy reconfiguration for moves, adds and changes

For ordering information, contact your local sales representative.

## ReadyPATCH Solutions Trunk Cables

### COMMSCOPE-UNIPRISE SOLUTIONS

**Trunk Cables**  
(Product Code Configurator)



The ReadyPATCH Solution combines preterminated, factory-tested hardware and backbone trunk cables with ruggedized MPO-single fiber fan-out patch cords, array cords and standard fiber patch cords. The beauty of ReadyPATCH is that it allows installers to rapidly connect system components in a fraction of the time required with traditional field terminable solutions. Since the solution enables up to 144 fibers to be ready for service at once, time to usability is accelerated dramatically, with factory-guaranteed performance.

For ordering information, contact your local sales representative.

## CommScope-Uniprise Solutions

# Preterminated Solutions

### ReadyPATCH Solutions Modules and Adapter Panels

#### COMMSCOPE-UNIPRISE SOLUTIONS MODULES



Anixter No.	Vendor No.	Description	Material ID
425711	RFE-MOD-024-5L-MPO-LC02	24F, LC, laser optimized, 50 μm, multimode	9703808/00
425712	RFE-MOD-012-5L-MPO-LC02	12F, LC laser optimized, 50 μm, multimode	9703819/00
425714	RFE-MOD-012-5L-MPO-SC02	12F, SC, laser optimized, 50 μm, multimode	9703820/00

#### ADAPTER PANELS

Anixter No.	Vendor No.	Description	Material ID
428604	PNL-BK-024-MFA-LC02-AQ-NS	LazrSPEED Panel, LC, 24 fiber, duplex, black panel, aqua, no shutter, single pack	760148171
428607	PNL-BK-012-MFA-LC12-AQ	LazrSPEED LC, 12 fiber, ganged aqua adapter, black panel, single pack	760148056

For the complete line of modules and adapter panels, please contact your local sales representative.

### ReadyPATCH Solutions Housings

#### COMMSCOPE-UNIPRISE SOLUTIONS

ReadyPATCH Solutions housings are available in both 1U and 4U sizes and mount in 19 in. racks or cabinets. Combined with ReadyPATCH modules and trunks, they support easy reconfiguration for moves, adds and changes. The enclosures support up to 12 modules and have an advanced MPO module design.

#### READY WALL MOUNTS



Anixter No.	Vendor No.	Description
428509	WBE-EMT-BK/2P-PNL	Wall Mount Building Enclosure, 2P, black
428510	WBE-EMT-BK/4P-PNL	Wall Mount Building Enclosure, 4P, black
428511	WBE-EMT-BK/8P-PNL	Wall Mount Building Enclosure, 8P, black

#### READY SHELVES



Anixter No.	Vendor No.	Description	Material ID
428551	RFE-SLC-IS-EMT-BK/1U-PNL	Ready 1U Internal Sliding Shelf, black	760147439
428552	RFE-SLC-IS-EMT-BK/2U-PNL	Ready 2U Internal Sliding Shelf, black	760147447
428553	RFE-SLC-IS-EMT-BK/4U-PNL	Ready 4U Internal Sliding Shelf, black	760147454

### Pulling Grips

#### COMMSCOPE-UNIPRISE SOLUTIONS

Anixter No.	Vendor No.	Description	Material ID
428188	KIT-GRP-12-3/8	Reusable Pulling Grip 12 fibers	9703903/00
428190	KIT-GRP-24-3/8	Reusable Pulling Grip 24 fibers	9703904/00
428192	KIT-GRP-36/48/72-1/2	Reusable Pulling Grip 36-72 fibers	9703905/00
428193	KIT-GRP-96/144-1/2	Reusable Pulling Grip 96-144 fibers	9703906/00

### Rack Mount Brackets

#### COMMSCOPE-UNIPRISE SOLUTIONS

Anixter No.	Vendor No.	Description	Material ID
428195	RFE-RMB-5-3/4	Mounting bracket, five cables with 3/4 in. fittings, 72-144 armored fiber trunks	9703902/00
428196	RFE-RMB-6-1/2	Mounting bracket, six cables with 1/2 in. fittings, 48 - 144 fiber trunks or 12-48 armored fiber trunks	9703901/00
428197	RFE-RMB-6-3/8	Mounting bracket, six cables with 3/8 in. fittings, 12-24 fiber trunks	9703900/00
428198	RFE-BGND-12	Ground Strap Kit. Used with armored trunks and cables	9703931/00
428199	RFE-UMB	Universal mounting bracket, up to three modules or panels	9703932/00

## Fiber Splice Kits

## COMMSCOPE-UNIPRISE SOLUTIONS

Anixter No.	Vendor No.	Description	Material ID
428180	KIT-SW-48-SFS-2FD	Splice Wallet Kit, 48 single fusion splices (1x3x16), 1U/2U shelf, two fiber drums	760148411
428181	KIT-SW-36-MES-2FD	Splice Wallet Kit, 36 mechanical splices (1x3x12), 1U/2U shelf, two fiber drums	760148429
428182	KIT-SW-96-SFS-2FD	Splice Wallet Kit, 96 single fusion splices (1x6x16), 2U shelf, two fiber drums	760148437
428183	KIT-SW-72-MES-2FD	Splice Wallet Kit, 72 mechanical splices (1x6x12), 2U shelf, two fiber drums	760148445
428184	KIT-SW-96-SFS-4FD	Splice Wallet Kit, 96 single fusion splices (1x6x16), 4U shelf, four fiber drums	760148452
428185	KIT-SW-72-MES-4FD	Splice Wallet Kit, 72 mechanical splices (1x6x12), 4U shelf, four fiber drums	760148460
428186	KIT-SW-192-SFS-4FD	Splice Wallet Kit, 192 single fusion splices (2x6x16), 4U shelf, four fiber drums	760148478
428187	KIT-SW-144-MES-4FD	Splice Wallet Kit, 144 mechanical splices (2x6x12), 4U shelf, four fiber drums	760148486

## Cables

## TrueNet Compact Building Fiber Optic Cables - Riser

ADC KRONE

## FEATURES

- 900  $\mu$ m, tight-buffered fibers allow for one-pass mechanical stripping
- Constructions above 24 fibers feature subunits
- All-dielectric construction includes Kevlar tensile-strength members

## APPLICATIONS

Designed for use in backbone or horizontal cable applications  
 Horizontal cable runs from cross-connects to TRs  
 Horizontal cable runs from TRs to consolidation points

## 62.5/125 MULTIMODE OM1

Maximum attenuation: 3.5/1.5 dB/km at 850/1300 nm; minimum bandwidth: 200/500 MHz • km at 850/1300 nm;  
 guaranteed Gigabit Ethernet distance: 300/550 m at 850/1300 nm

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation		Long Term		Installation		Long Term	
371-KR062.5-TBD-06	6006LFRBCBC062	6	0.224	5.7	224	1000	67	300	3.2	8.0	2.1	5.3
371-KR062.5-TBD-12	6012LFRBCBC062	12	0.246	6.2	400	1800	135	600	4.4	11.1	2.9	7.4
371-KR062.5-TBD-24	6024LFRBCBC062	24	0.335	8.5	400	1800	135	600	4.8	12.3	3.2	8.1

## 50/125 MULTIMODE OM2

Maximum attenuation: 3.0/1.5 dB/km at 850/1300 nm; minimum bandwidth: 700/500 MHz • km at 850/1300 nm;  
 guaranteed Gigabit Ethernet distance: 550/550 m at 850/1300 nm

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation		Long Term		Installation		Long Term	
371-KR0150-TBD-06	6006LFRBCBC50	6	0.224	5.7	224	1000	67	300	3.2	8.0	2.1	5.3
371-KR0150-TBD-12	6012LFRBCBC50	12	0.246	6.2	400	1800	135	600	4.4	11.1	2.9	7.4
371-KR0150-TBD-24	6024LFRBCBC50	24	0.335	8.5	400	1800	135	600	4.8	12.3	3.2	8.1

## 50/125 MULTIMODE LASER OPTIMIZED TO 300 METERS (ULTRA) OM3

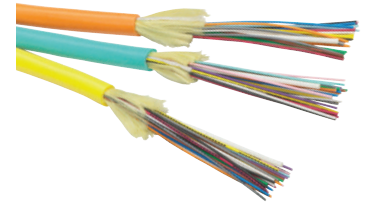
Max. attenuation: 3.0/1.5 dB/km at 850/1300 nm; min. bandwidth: 1,500/500 MHz • km at 850/1300 nm; guaranteed Gigabit Ethernet distance: 900/550 m at 850/1300 nm;  
 guaranteed 10 Gigabit Ethernet distance: 300/300 m at 850/1300 nm

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation		Long Term		Installation		Long Term	
371-KR0300-TBD-06	6006LFRBCBC50U	6	0.224	5.7	224	1000	67	300	3.2	8.0	2.1	5.3
371-ADC300-TBD-12	6012LFRBCBC50U	12	0.246	6.2	400	1800	135	600	4.4	11.1	2.9	7.4
371-ADC300-TBD-24	6024LFRBCBC50U	24	0.335	8.5	400	1800	135	600	4.8	12.3	3.2	8.1

## 8.3/125 SINGLE-MODE OS1

Max. attenuation: 1.0/1.0 dB/km at 1310/1550 nm

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation		Long Term		Installation		Long Term	
371-KR08.3-TBD-06	6006LFRBCBC010	6	0.224	5.7	224	1000	67	300	3.2	8.0	2.1	5.3
371-KR08.3-TBD-12	6012LFRBCBC010	12	0.246	6.2	400	1800	135	600	4.4	11.1	2.9	7.4
371-KR08.3-TBD-24	6024LFRBCBC010	24	0.335	8.5	400	1800	135	600	4.8	12.3	3.2	8.5



## TrueNet Compact Building Fiber Optic Cables - Plenum

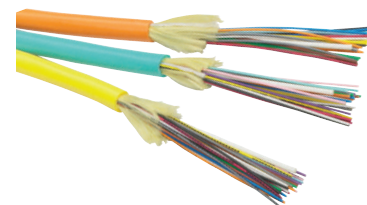
## ADC KRONE

## FEATURES

- 900  $\mu$ m tight-buffered fibers allow for one-pass mechanical stripping
- Constructions above 24 fibers feature subunits
- All-dielectric construction includes Kevlar tensile strength members
- Easy-to-strip outer jacket

## APPLICATIONS

Between main cross-connects (MCs) and telecommunications room (TR)  
 Horizontal cable runs from cross-connects to TRs  
 Areas requiring UL Listed flame-retardant cables  
 Horizontal cable runs from TRs to consolidation points



## 62.5/125 MULTIMODE OM1

Maximum attenuation: 3.5/1.5 dB at 850/1300 nm; minimum bandwidth: 200/500 MHz • km at 850/1300 nm; guaranteed Gigabit Ethernet distance: 300/550 m at 850/1300 nm

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-KR062.5-TBD-06	6006LFPCBC062	6	0.19	4.8	224	1000	67	300	2.9	7.2	1.9	4.8
370-KR062.5-TBD-12	6012LFPCBC062	12	0.26	6.6	400	1800	135	600	3.8	9.5	2.5	6.4
370-KR062.5-TBD-24	6024LFPCBC062	24	0.29	7.4	400	1800	135	600	4.4	11.1	2.9	7.4

## 50/125 MULTIMODE OM2

Maximum attenuation: 3.0/1.5 dB at 850/1300 nm; minimum bandwidth: 700/500 MHz • km at 850/1300 nm; guaranteed Gigabit Ethernet distance: 750/550 m at 850/1300 nm

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-KR0150-TBD-06	6006LFPCBC50	6	0.19	4.8	224	1000	67	300	2.9	7.2	1.9	4.8
370-KR0150-TBD-12	6012LFPCBC50	12	0.26	6.6	400	1800	135	600	3.8	9.5	2.5	6.4
370-KR0150-TBD-24	6024LFPCBC50	24	0.29	7.4	400	1800	135	600	4.4	11.1	2.9	7.3

## 50/125 MULTIMODE LASER OPTIMIZED TO 300 METERS (ULTRA) OM3

Max. attenuation: 3.0/1.5 dB at 850/1300 nm; min. bandwidth: 1,500/500 MHz • km at 850/1300 nm; guaranteed Gigabit Ethernet distance: 900/550 m at 850/1300 nm; guaranteed 10 Gigabit Ethernet distance: 300/300 m at 850/1300 nm

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-ADC300-TBD-06	6006LFPCBC50U	6	0.19	4.8	224	1000	67	300	2.9	7.2	1.9	4.8
370-ADC300-TBD-12	6012LFPCBC50U	12	0.26	6.6	400	1800	135	600	3.8	9.5	2.5	6.4
370-KR0300-TBD-24	6024LFPCBC50U	24	0.29	7.4	400	1800	135	600	4.4	11.1	2.9	7.4

## 8.3/125 SINGLE-MODE

Max. attenuation: 1.0/1.0 dB at 1310/1550 nm

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-KR08.3-TBD-06	6006LFPCBC010	6	0.19	4.8	224	1000	67	300	2.9	7.2	1.9	4.8
370-KR08.3-TBD-12	6012LFPCBC010	12	0.26	6.6	400	1800	135	600	3.8	9.5	2.5	6.4
370-KR08.3-TBD-24	6024LFPCBC010	24	0.29	7.4	400	1800	135	600	4.4	11.1	2.9	7.4

ADC Compact Building Fiber Optic Cable is also available in single-mode and armored cable.

Ultra 50/125 is available for 10 Gigabit applications.

Other cable types available include indoor breakout, LSZH indoor/outdoor, simplex, duplex and loose tube.

# Connectors and Adapters

## Epoxy/Polish Connectors

ADC KRONE

### FEATURES

- Available in both single-mode and multimode constructions
- ST-compatible, SC, MT-RJ, FC and LC connector types available
- Connectors utilize pre-radiused zirconia ceramic ferrules
- Single-mode ultra physical contact (UPC) and angled physical contact (APC) polishes available for SC, FC and LC connectors
- SC and LC connectors can be duplexed
- ST-compatible, SC, FC and LC tested to rigid Telcordia GR-326 standard
- Available for 900  $\mu\text{m}$  and 3.0 mm installations
- Typical insertion loss: 0.2 dB
- All styles meet Fiber Optic Connector Intermateability Standard (FOCIS) documents

Anixter No.	Vendor No.	Description
251163	EPSTXMM30096BK	ST simplex, multimode, 900 $\mu\text{m}$ , black boot
251162	EPSCUSM30096BL	SC simplex, single-mode, 900 $\mu\text{m}$ , blue boot
251164	EPSCXMM30096BK	SC simplex, multimode, 900 $\mu\text{m}$ , black boot
348610	EPLCUSM30095	LC, single-mode, 900 $\mu\text{m}$ boot, ceramic ferrule
344944	EPLCXMM30095	LC, multimode, 900 $\mu\text{m}$ boot, ceramic ferrule

## TrueNet Modular Adapters

ADC KRONE

Compatible with ADC's modular faceplates, surface-mount boxes, modular furniture faceplates and modular patch panels, these adapters offer the versatility of a plug-and-play system. The ADC modular adapters do not fit in 2-port or 4-port surface-mount boxes. They should be used with a faceplate extender and a flush-mount faceplate.

Anixter No.	Vendor No.	Description
184805	6645 1 167-01	White, with metal adapter sleeve
184815	6645 1 169-01	White, with ceramic adapter sleeve
160880	6645 1 158-01	White, with phosphor bronze adapter sleeve
246157	6645 1 172-01	LC duplex modular keystone adapter (multimode), phosphor bronze insert

SC, SC duplex, ST, FC, MT-RJ and LC duplex connectors and adapters also available.

## Field Installation Connectors

ADC KRONE



### FEATURES

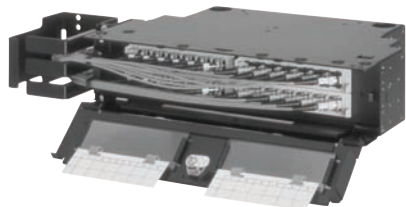
- Available in both single-mode and multimode constructions
- ST-compatible, SC, MT-RJ, FC and LC connectors available
- Pre-polished, no epoxy connector - no polishing required
- Outstanding optical performance
- Factory-assembled
- Fiber is fully bonded into the ferrule
- Fully compliant with ANSI/TIA/EIA-568-B
- Best solution for emergency repairs
- Small-form-factor MT-RJ and LC double current densities on active equipment and passive hardware, and fit packages
- Well suited for fiber-to-the-workstation applications
- Typically install in two minutes, saving labor costs
- Simple tool kit with easy-to-use tools
- Typical insertion loss: 0.4 dB (single-mode), 0.3 dB (multimode)

Anixter No.	Vendor No.	Description
251175	FISC-M6MM-32	SC, 62.5 $\mu\text{m}$
251176	FISC-M5MM-30	SC, 50/125 $\mu\text{m}$
352601	FISC-M5UMM-30	SC, 50 $\mu\text{m}$ ultra
319450	FIST-M6MM-32	ST, 62.5 $\mu\text{m}$
352602	FILC-M6MM-30	LC, 62.5 $\mu\text{m}$
300258	FILC-M5MM-30	LC, 50 $\mu\text{m}$
352603	FILC-M5UMM-30	LC, 50 $\mu\text{m}$ ultra



## FL2000 Fiber Termination Panels

ADC KRONE



The economical and flexible FL2000 series of fiber optic products is ideal for small fiber counts and can be used in moderate-fiber-count applications, as well, by combining various panels. This leading fiber optic panel is now available in black. Can be rack- or cabinet-mounted.

**FEATURES**

- 19 in. (48.26 cm) EIA rack or cabinets, standard 5 in. (12.7 cm) recess
- Wall-mounting option available
- Other mounting kits available
- Hinged on left front side; allows full access to rear of front plate and interior of panel
- FL2000 6-pak adapter plug-ins ordered separately
- Constructed of high-strength aluminum
- Equipped with removable metal doors with plexiglass windows
- Designation labels included with each panel
- Complete line of accessories, including locks for security

**APPLICATIONS**

For rack- or wall-mount applications where there is limited rear access

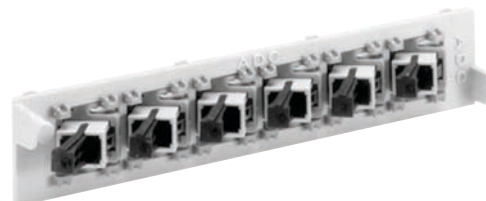
**TERMINATION PANELS**

Anixter No.	Vendor No.	Description
283719	FL2-12RPNL-B	12-position
223298	FL2-24RPNL-B	24-position
283720	FL2-48RPNL-B	48-position
283722	FL2-72RPNL-B	72-position
283721	FL2-96RPNL-B	96-position

**TERMINATION/SPLICE PANELS**

Anixter No.	Vendor No.	Description
352615	FL2-12TS350-B	12-position
283723	FL2-24TS525-B	24-position
283725	FL2-48TS875-BQ	48-position

## 6-PAKS



Anixter No.	Vendor No.	Description
174091	FL2-6PMMSC	Multimode SC
189927	FL2-6PMMDSC	Multimode SC duplex
352617	FL2-6PMMDSC-A	Multimode SC duplex - aqua
174087	FL2-6PMMST	Multimode ST
283792	FL2-6PMMLC	Multimode LC
352629	FL2-6PMMLC-A	Multimode LC aqua
174665	FL2-6PSMSC	Single-mode SC
283794	FL2-6PSMLC	Single-mode LC

## TrueNet Fiber Panel (TFP) Series

ADC KRONE

**FEATURES**

- Utilizes angle-left/angle-right adapters for easy access and bend radius protection
- Completely modular footprint for ease of use and maximum versatility
- Rear access makes field termination or splicing fast and efficient
- Supports MPO applications

**APPLICATIONS**

Mounted in cabinets to consolidate fiber from servers, switches, routers and SANs

Continued on next page >>

## Hardware

*(continued)* TrueNet Fiber Panel (TFP) Series

## TFP EMPTY CHASSIS

Each chassis requires 1/2 of maximum modular adapter packs to be LEFT and 1/2 to be RIGHT.

Anixter No.	Vendor No.	Description
363222	TFP-1TT00-000B	1RU termination only empty chassis, accommodates two TFP modular adapter packs; black
363495	TFP-2TT00-000B	2RU termination only empty chassis, accommodates four TFP modular adapter packs; black
334645	TFP-5TT00-000B	5RU termination only empty chassis, accommodates 12 TFP modular adapter packs, T-handle; black

## TFP ADAPTER PACKS

ADC recommends aqua adapters for 10 Gig applications. LC adapter packs terminate 24 fibers. SC duplex adapter packs also available that terminate 12 fibers. MPO cassettes also available.

Anixter No.	Vendor No.	Description
357168	TFP-24APLQ1	Multimode LC, angle-left adapter pack
357167	TFP-24APRQ1	Multimode LC, angle-right adapter pack
348628	TFP-24APLQ2	Multimode LC aqua, angle-left adapter pack
348631	TFP-24APRQ2	Multimode LC aqua angle-right adapter pack
357162	TFP-12APLC3	Multimode SC duplex, angle-left adapter pack
357160	TFP-12APRC3	Multimode SC duplex, angle-right adapter pack
357164	TFP-12APLC4	Multimode SC duplex, aqua, angle-left adapter pack
357163	TFP-12APRC4	Multimode SC duplex, aqua, angle-right adapter pack
348629	TFP-24APLQ5	Single-mode LC, angle-left adapter pack
348632	TFP-24APRQ5	Single-mode LC angle right adapter pack
357201	TFP-12APLC8	Single-mode SC, angle-left adapter pack
357200	TFP-12APRC8	Single-mode SC, angle-right adapter pack
358605	TFP-24MPLDQ2	Multimode 12 LC, aqua, angle-left, MPO 24-fiber cassettes
358607	TFP-24MPRDQ2	Multimode 12 LC, aqua, angle-left, MPO 24-fiber cassettes
385861	TFP-24MPLSQ5	Single-mode 12 LC, angle-left, MPO 24-fiber cassettes
385862	TFP-24MPRSQ5	Single-mode 12 LC, angle-left, MPO 24-fiber cassettes

## RMG Fiber Enclosures

## ADC KRONE



## FEATURES

- Low-profile design with higher density for space limited applications
- Utilizes industry standard LSX/LGX modular adapter packs
- Supports MPO applications
- Completely modular footprint for ease of use and maximum versatility

## APPLICATIONS

Telecommunications rooms or to terminate incoming fiber trunks

## RACK-MOUNT CABINETS

Anixter No.	Vendor No.	Description
336284	RMG-1000-000B	1RU empty chassis, accommodates three RMG adapter packs
246800	RMG-2000-000B	2RU empty chassis, accommodates six RMG adapter packs
336282	RMG-4000-000B	4RU empty chassis, accommodates 12 RMG adapter packs

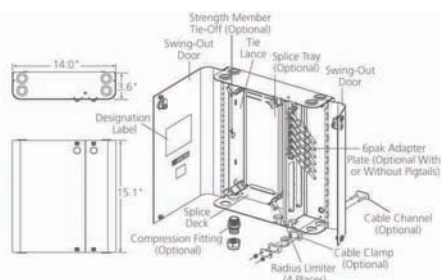
## ADAPTER PANELS

Anixter No.	Vendor No.	Description
336679	RMG-12ADPC3	Multimode SC duplex adapter pack
353566	RMG-12ADPC4	Multimode SC duplex (aqua) adapter pack
348170	RMG-06ADPT1	Multimode ST adapter pack
300259	RMG-12ADPQ1	Multimode LC adapter pack
353569	RMG-12ADPQ2	Multimode LC (aqua) adapter pack
353575	RMG-24ADPQ3	Multimode quad LC adapter pack
353576	RMG-24ADPQ4	Multimode quad LC (aqua) adapter pack
341102	RMG-12ADPC8	Single-mode SC duplex adapter pack
373082	RMG-12ADPT2	Single-mode ST adapter pack
353572	RMG-12ADPQ5	Single-mode LC adapter pack
373083	RMG-12ADPQ8	Single-mode LC aqua adapter pack

ADC recommends aqua adapters for 10 Gig applications. MPO cassettes also available.

## FL1000 Empty Wall-mount Boxes

ADC KRONE



The FL1000 are empty two-door wall mount boxes featuring either 12, 24, or 48 positions. The empty box can be loaded with a variety of 6-pak adapters/connectors (with or without fiber), splice trays with chips and miscellaneous accessories. The wall-mount box features separate user/service provider access. It provides termination and splicing capability and is designed specifically to accommodate customer premises fiber termination requirements. The wall-mount box acts as part of the fiber distribution system of the enterprise network, or as the demarcation point for the service provider at the customer's location.

**FEATURES**

- Multiple, configurable locking options that allow users and service providers separate access for security
- Acceptance of strength member tie-off hardware
- Acceptance of cable clamps at each corner
- Grounding screws, mounting screws and dust caps are included with each panel

Anixter No.	Vendor No.	Description
<a href="#">283767</a>	FL1-G	12-position
<a href="#">283769</a>	FL1-H	24-position
<a href="#">231371</a>	FL1-J	48-position

## TrueNet Multimedia Box

ADC KRONE



This low-profile, surface-mount box is perfect for installing fiber, copper and/or coax in a single unit. Designed to maintain minimum bend radius and fiber storage to comply with TIA/EIA requirements. Ideal as a consolidation, zone or mini distribution unit. Unique hidden labeling system provides identification for 16 individual ports with colored ID tabs, paper label and write-on surface on or under a removable door. Angled bezels meet minimum bend radius requirements and provide the ability to configure the box to your particular requirements.

Package includes ADC logo insert, one clear plastic window, 16 reversible icon ID tabs numbered one through six, three blank bezels, tie wraps and hook-and-loop fastener strips.

**Technical Information & Standards**

Height: 8 1/4 in. (210 mm)

Width: 8 1/4 in. (210 mm)

Depth: 2 1/4 in. (57 mm)

**MULTIMEDIA BOX**

Anixter No.	Vendor No.	Description
<a href="#">182954</a>	6644 1 450-01	White
<a href="#">182956</a>	6644 1 450-02	Ivory

**4-PORT MODULAR MULTIMEDIA BEZEL**

Anixter No.	Vendor No.	Description
<a href="#">182958</a>	6644 3 205-01	White
<a href="#">182959</a>	6644 3 205-02	Ivory

# Cables

## Belden Distribution Cable - Plenum- and Riser-rated

### BELDEN

Belden distribution cables use a flexible thermoplastic jacket to provide excellent handling characteristics. Fibers and cable subunits are color-coded for easy identification. Length markings are in meters for easy determination of cable length. Full dielectric construction, no grounding required. Ideal for in-building backbones, computer rooms and fiber-to-the-desk applications.

#### FEATURES

- Laser certified
- Suitable for direct connection
- IEEE 383

#### Technical Information & Standards

Tech. Info. & Standards are dependent upon fiber type. Contact your local sales representative for more information.

#### RISER RATED, 62.5/125 MULTIMODE / OM1

Note: OFNR/FT4 - maximum attenuation: 3.5/1.20 dB/km at 850/1300 nm; minimum bandwidth: 200/600 MHz • km at 850/1300 nm; guaranteed Gigabit Ethernet distance: 300/550 m at 850/1300 nm

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
<b>BPTD6004</b>	B9B038	4	0.19	4.83	195	867	143	636	4.25	10.80	2.25	5.71
<b>BPTD6006</b>	B9B039	6	0.17	4.4	286	1272	143	636	3.0	10.80	2.25	5.71
<b>BPTD6012</b>	B9B042	12	0.22	5.59	239	1063	119	529	3.5	11.43	2.75	6.99
<b>BPTD6024</b>	B9B602	24	0.55	13.95	960	4270	321	1428	5.50	30.48	6.00	15.24

#### RISER RATED, 50/125 MULTIMODE / OM2

Note: OFNR/FT4 - maximum attenuation: 3.5/1.5 dB/km at 850/1300 nm; minimum bandwidth: 500/800 MHz • km at 850/1300 nm; guaranteed Gigabit Ethernet distance: 600/600 m at 850/1300 nm

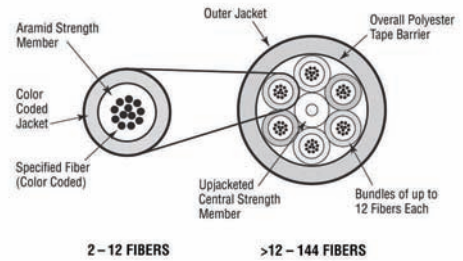
Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
<b>370-977-DMAR-02</b>	B9A037	2	0.19	4.83	180	801	107	952	3.1	7.16	1.75	4.44
<b>370-977-DMAR-04</b>	B9A038	4	0.19	4.83	195	867	143	636	3.0	10.80	2.25	5.71
<b>370-977-DMAR-06</b>	B9A039	6	0.17	4.4	286	1272	143	636	3.0	10.80	2.25	5.71
<b>370-977-DMAR-12</b>	B9A042	12	0.22	5.59	239	1063	119	529	3.5	11.43	2.75	6.99

#### RISER RATED, 50/125 MULTIMODE / OM3

Note: OFNR/FT4 - maximum attenuation: 3.0/1.2 dB/km at 850/1300 nm; minimum bandwidth: 1,500/500 MHz • km at 850/1300 nm; guaranteed Gigabit Ethernet distance: 900/550 m at 850/1300 nm; guaranteed 10 Gigabit Ethernet distance: 300 m at 850/1300 nm

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
<b>371-NDX150TBD-06</b>	B9C039	6	0.17	4.4	286	1272	143	636	3	10.80	2.25	5.71
<b>371-NDX150TBD-12</b>	B9C042	12	0.22	5.59	239	1063	119	529	3.5	11.43	2.75	6.99

Fiber Bundle Detail



PLENUM RATED, 62.5/125 MULTIMODE / OM1

Note: OFNP/FT6 - maximum attenuation: 3.5/1.20 dB/km at 850/1300 nm; minimum bandwidth: 200/600 MHz • km at 850/1300 nm; guaranteed Gigabit Ethernet distance: 300/550 m at 850/1300 nm

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
<b>BPTDP602</b>	B9B043	2	0.19	4.83	180	801	45	200	2.50	6.35	1.50	3.81
<b>BPTDP604</b>	B9B044	4	0.19	4.83	195	867	143	636	3.0	10.16	2.00	5.08
<b>BPTDP606</b>	B9B045	6	0.17	4.4	286	1272	143	636	3.0	10.16	2.00	5.08
<b>BPTDP612</b>	B9B048	12	0.22	5.59	239	1063	119	529	3.5	13.97	2.25	5.71
<b>BPTDP624</b>	B9B612	24	0.55	13.3	675	3000	321	1428	5.50	25	7.4	18.75

PLENUM RATED, 50/125 MULTIMODE / OM2

Note: OFNP/FT6 - maximum attenuation: 3.5/1.5 dB/km at 850/1300 nm; minimum bandwidth: 500/800 MHz • km at 850/1300 nm; guaranteed Gigabit Ethernet distance: 600/600 m at 850/1300 nm

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
<b>370-978-DMAP-06</b>	B9A045	6	0.17	4.4	286	1272	143	636	3	10.16	2.00	5.08
<b>370-978-DMAP-12</b>	B9A048	12	0.22	5.59	239	1063	119	529	3.5	13.97	2.25	5.71

PLENUM RATED, 50/125 MULTIMODE / OM3

Note: OFNP/FT6 - maximum attenuation: 3.0/1.2 dB/km at 850/1300 nm; minimum bandwidth: 1,500/500 MHz • km at 850/1300 nm; guaranteed Gigabit Ethernet distance: 900/550 m at 850/1300 nm; guaranteed 10 Gigabit Ethernet distance: 300 m at 850/1300 nm

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
<b>370-BDT300-TBD-06</b>	B9C045	6	0.17	4.4	286	1272	143	636	3	10.16	2.00	5.08
<b>370-BDT300-TBD-12</b>	B9C048	12	0.22	5.59	239	1063	119	529	3.5	13.97	2.25	5.71

For more Belden fiber options including interconnect cable, breakout style cable, interlocked armor distribution cable, tactical cable, ribbon cable, single jacket, all-dielectric cable, double jacket armored cable, double jacket heavy-duty cable, central tube cable, micro loose tube breakout style cable, and TrayOptic heavy-duty all-dielectric cable, contact your local sales office.

# Connectors

## FiberExpress Optimax Connectors

BELDEN

### OPTIMAX FIELD-INSTALLABLE CONNECTORS



The Optimax Connectors are reliable, field-installable optical fiber connectors that are easy to install. They do not require epoxy, curing or polishing. Their unique design incorporates a factory-polished fiber stub in a splice mechanism which provides a fast, secure and reliable termination on optical fiber cables. All critical steps are performed in the factory, ensuring a superior-quality connection every time.

Anixter No.	Vendor No.	Description
276131	AX101981	LC 62.5 μm, multimode
276134	AX101982	LC 50 μm, multimode
276136	AX101983	LC single-mode
184257	AX100029	SC 62.5 μm, multimode
218330	AX101077	SC 50 μm, multimode
262069	AX101792	SC single-mode
168782	A0408835	ST compatible 62.5 μm, multimode
218328	AX101075	ST compatible 50 μm, multimode
262068	AX101791	ST compatible single-mode
276142	AX101984	LC Accessory kit for jacketed fiber (2 mm and 3 mm boots and crimp sleeves)
262071	AX101794	SC Accessory kit for jacketed fiber (3 mm boots, crimp sleeves, cord adapter)
262070	AX101793	ST Accessory kit for jacketed fiber (3 mm boots, crimp sleeves)

### OPTIMAX ENHANCED INSTALLATION TOOL KIT AND COMPONENTS



The Optimax Enhanced Installation Tool Kit is packaged in a small, convenient carrying case and includes everything required to terminate 900 μm, buffered optical fiber and jacketed optical fiber. It also has all the tools and supplies to install the Optimax LC, SC and ST-compatible multimode and single-mode connectors. Certain tool kit items can be purchased separately to accommodate installers already possessing basic optical fiber installation tools.

Anixter No.	Vendor No.	Description
363991	AX103142	LC/SC/ST-compatible (includes installation tools, fiber cleaver, crimping tool, instruction manual, microscope, tweezers, alcohol wipes, marker, scissors, waste bottle, universal fiber/cable stripper, and training video)
376757	AX103146	Basic kit (excludes fiber/cable stripper and cleaver)
363992	AX103147	Optimax Enhanced Tool Kit Upgrade (includes new installation tool and inserts, tool table-top base)
321161	A0408829	Fiber cleaver
376762	AX103152	Universal installation tool, LC/SC/ST includes inserts, tool and tool clamp
376764	AX103153	Installation tool with table top base
321167	AX100910	Microscope
321168	AX100951	Refurbishing materials (80 alcohol wipes and black felt tip marker)
376765	AX103148	Installation instruction manual (LC, SC, ST)
363994	AX103149	Cleaver's ceramic blade replacement
363995	AX103150	Cleaver's leaf spring base plate replacement
353296	A0403641	Crimp tool complete with die

### EPOXY FIELD-INSTALLABLE CONNECTORS



Epoxy Field-Installable Connectors are available as multimode and single-mode, ST-compatible and SC field-installable connectors. They require heat-cured epoxy and polishing. Both types have a ceramic ferrule. Each connector comes complete with all the parts necessary for termination of tight-buffered fibers as well as jacketed fibers. Parts include crimp sleeves, boots, cord adapter and dust cap.

Anixter No.	Vendor No.	Description
151332	A0390851	ST compatible, multimode
246530	AX101412	ST compatible, single-mode
218325	AX100919	SC simplex, multimode
244034	AX101411	SC simplex, single-mode
218326	AX100929	SC duplex, multimode
355589	AC301184	LC simplex, multimode
360803	AC300580	LC simplex, single-mode

For more Belden Secure/Keyed LC product options, contact your local sales office.

## FiberExpress Ultra Patch Panels

BELDEN



FiberExpress Ultra Patch Panels provide ultra-high-density connection while facilitating cable routing and patch cord management. Available in rack-mount and wall-mount versions, the patch panels are totally modular and scalable to accommodate future fiber build-out. Wall-mount version accommodates two (2) frames or cassettes for a maximum capacity of 48 fibers (LC or MT-RJ). Rack-mount version is available in two sizes: 1U and 4U. 1U unit accommodates four (4) frames or cassettes for a maximum of 96 fibers (LC or MT-RJ); 4U unit accommodates 12 frames or cassettes for a maximum of 288 fibers (LC or MT-RJ).

## RACK-MOUNT PATCH PANELS AND COMPONENTS

Anixter No.	Vendor No.	Description
387027	AX103143	1U patch panel, 19 in., black
387044	AX103267	4U patch panel, 19 in., black
387629	AX103915	1U patch cord cover
398203	AX103910	4U 23 in. extension bracket, black
398204	AX103272	Patch cord management bracket, black

## WALL-MOUNT PATCH PANELS AND COMPONENTS

Anixter No.	Vendor No.	Description
387630	AX103928	Stackable patch panel, black
387632	AX103932	Two inch spacer, black
387633	AX103934	Door lock kit

## FiberExpress Ultra Bezels and Frames

BELDEN



FiberExpress Ultra Frames are typically preloaded with bezels which provide streamlined patch cord management and optimal design flexibility and single- or dual-connector options. A unique (patent pending) mechanism allows the bezel to slide out 1 inch (2.5 cm) from the frame, providing easy connector access and patch cord management. Available in a wide variety of connector types, in both multimode and single-mode versions, and in the newly recognized TIA/EIA multimode colors. The bezels and frames can be easily inserted or removed from the panel for enhanced maintenance capabilities. Each frame can accommodate a maximum of six (6) bezels. Frames with pigtails come loaded with connector bezels and 2-meter pigtails.

Contact your local sales representative for specific part number information.

## FiberExpress Ultra Preterminated Cassettes

BELDEN



FiberExpress Ultra Preterminated Cassettes come fully loaded with connector bezels and preterminated with MPO connection(s) at the rear of the cassette. In combination with the bezels and the 1 inch pull-out feature, the cassette provides easy connection access. Cassettes can also be easily inserted or removed from the patch panels for enhanced maintenance capabilities. The cassette's rear assembly and cover are available separately to provide additional installation capability.

To determine what specific Belden part number you need, contact your local sales representative.

## Patch Cords

## FiberExpress Pre-Connectorized Assemblies

## BELDEN

FiberExpress patch cord assemblies are of the highest quality available. They are assembled and 100 percent optically tested in the factory prior to shipment.

FiberExpress MPO cable assemblies have multi-fiber cables using single MPO connectors (6-, 8- and 12-fiber) that are used to interconnect preterminated FiberExpress Ultra Cassettes.

Multi-fiber cable assemblies are factory-terminated fiber cables of various constructions (distribution, breakout, loose tube or ribbon) using Simplex, Duplex or multi-fiber connectors. The range of fan-out constructions, lengths and geometry suit virtually any application.

## FIBEREXPRESS PATCH CORDS

Anixter No.	Vendor No.	Description
332951	AX200517	LC duplex-LC duplex, OM1, 62.5 $\mu$ m multimode, 2 m (6 ft.)
323328	AX200518	LC duplex-LC duplex, OM1, 62.5 $\mu$ m multimode, 3 m (10 ft.)
332955	AX200519	LC duplex-LC duplex, OM1, 62.5 $\mu$ m Multimode, 5 m (16 ft.)
288901	AX200527	LC duplex-LC duplex, OM2, 50 $\mu$ m multimode, 2 m (6 ft.)
288902	AX200528	LC duplex-LC duplex, OM2, 50 $\mu$ m multimode, 3 m (10 ft.)
288903	AX200529	LC duplex-LC duplex, OM2, 50 $\mu$ m multimode, 5 m (16 ft.)
270409	AX200664	LC duplex-LC duplex, OM3, 50 $\mu$ m multimode, 2 m (6 ft.)
270415	AX200665	LC duplex-LC duplex, OM3, 50 $\mu$ m multimode, 3 m (10 ft.)
332956	AX200666	LC duplex-LC duplex, OM3, 50 $\mu$ m multimode, 5 m (16 ft.)
332952	AX200507	LC duplex-LC duplex, OS2, single-mode enhanced 2 m (6 ft.)
323330	AX200508	LC duplex-LC duplex, OS2, single-mode enhanced 3 m (10 ft.)
313569	AX200509	LC duplex-LC duplex, OS2, single-mode enhanced 3 m (16 ft.)

## HYBRID PATCH CORDS

Anixter No.	Vendor No.	Description
323327	AX200699	LC duplex-ST, OM1, 62.5 $\mu$ m multimode, 3 m (10 ft.)
288904	AX200580	LC duplex-568SC, OM1, 62.5 $\mu$ m multimode, 3 m (10 ft.)
323326	AX200695	LC duplex-ST, OM2, 50 $\mu$ m multimode, 3 m (10 ft.)
288897	AX200581	LC duplex-568SC, OM2, 50 $\mu$ m multimode, 3 m (10 ft.)
354707	AX200809	LC duplex-ST, OM3, 50 $\mu$ m multimode, 3 m (10 ft.)
282568	AX200668	LC duplex-568SC, OM3, 50 $\mu$ m multimode, 3 m (10 ft.)
323329	AX200698	LC duplex-ST, OS2, single-mode enhanced, 3 m (10 ft.)
282567	AX200667	LC duplex-568SC, OS2, single-mode enhanced, 3 m (10 ft.)

## SINGLE-ENDED (PIGTAILS)

Anixter No.	Vendor No.	Description
332958	AX200657	LC-open, OM1, 62.5 $\mu$ m multimode, 2 m (6 ft.)
332960	AX200658	LC-open, OM2, 50 $\mu$ m multimode, 2 m (6 ft.)
270408	AX200660	LC-open, OM3, 50 $\mu$ m multimode, 2 m (6 ft.)
319525	AX200659	LC-open, OS2, single-mode enhanced, 2 m (6 ft.)

Note: This represents a small portion of the FiberExpress Pre-Connectorized Assemblies. Also available are: ST, SC duplex and MT-RJ simplex, hybrid patch cords and single-ended pigtails of various lengths.

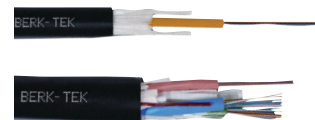


## Outdoor Loose-tube Fiber

### BERK-TEK

Enhanced loose-tube cables with single-mode or multimode, high-performance optical fibers. Fully water-blocked with gel-filled buffer tubes, these cables are designed for installation in outdoor environments such as direct burial (armored versions only), aerial lashing, conduit and pathways that are subject to wide temperature variations. For added protection against rodents, these cables are available in steel tape armor versions.

NOTE: Product options available in multimode, GIGAlite 62.5 or 50 micron, GIGAlite-10, GIGAlite-10XB and single-mode fiber



### FEATURES

- Construction: gel-filled tubes containing up to 12 250  $\mu$ m, individually colored fibers, dry cable core for easy entry
- Outer jacket: UV-resistant polyethylene
- No mode conditioning patch cord required for Gigabit Ethernet applications
- Up to 216 fibers, hybrid design options available

### Technical Information & Standards

Standard 62.5/125 micron multimode fiber (also available in single-mode and 50 micron fibers)

Maximum attenuation: 3.5/1.0 dB/km at 850/1300 nm

Minimum bandwidth: 200/500 MHz • km at 850/1300 nm

Gigabit Ethernet guaranteed distances: 300/600 m at 850/1300 nm

ISO/IEC 11801

Telecordia GR-20

ANSI/ICEA S-87-640

EIA/TIA-568C

IEEE 802.3

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation		Long Term		Installation		Long Term	
<b>370-701-BTOUT-06</b>	OPD006CB3510/25	6	0.40	10.2	600	2670	180	800	6.0	15.2	4.0	10.2
<b>370-701-BTOUT-12</b>	OPD012CB3510/25	12	0.40	10.2	600	2670	180	800	6.0	15.2	4.0	10.2

## Adventum Loose Tube Cable - Indoor/Outdoor Plenum and Riser

### BERK-TEK

Adventum Loose Tube cables are designed to be used in virtually any cable plant and are able to support the latest Gigabit communications protocols, including 1 and 10 Gigabit Ethernet. The Adventum design offers the installer the ability to place cable anywhere in the network, bypassing the traditional transition points required in most installations. This cable has one of the smallest diameters available, making installation easy and taking up a minimum amount of duct space. Adventum cables include GIGAlite 50/125 and 62.5/125-micron fiber for superior performance.

This unique cable design (U.S. Patent #6,178,278) is capable of withstanding the rigors of the outside plant environment, can be rated for plenum installations and uses no gel fillings. For added protection, these cables are also available in interlock armor versions.

NOTE: Product options available in standard, GIGAlite 62.5 and 50 micron, GIGAlite-10, GIGAlite-10XB and single-mode.



### FEATURES

- Compact, all-dielectric, patented DryGel totally dry water-blocked design
- High tensile strength, superior crush resistance and small diameter
- Can be installed in outside plant riser or plenum environment in compliance with ANSI/TIA-758
- Does not require mode conditioning patch cords for Gigabit Ethernet applications
- Available with multimode, single-mode and GIGAlite fibers
- 6 to 432 fibers, hybrid design options available

### Technical Information & Standards

ISO/IEC 11801

ANSI/ICEA S-87-640

ANSI/ICEA S-104-696

EIA/TIA 568C

IEEE 802.3

Continued on next page >>

# Cables

(continued) Adventum Loose Tube Cable - Indoor/Outdoor Plenum and Riser

**STANDARD 62.5/125 MICRON PLENUM**

Maximum attenuation: 3.5/1.0 dB/km at 850/1300 nm; minimum bandwidth: 200/500 MHz • km at 850/1300 nm; Gigabit Ethernet distance: 300 m/600 m at 850/1300 nm

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation (lb.)	Long Term (lb.)	Installation (in.)	Long Term (in.)	Installation (cm)	Long Term (cm)		
370-701-BTDRY-06	LTP006CB3510/25	6	0.26	6.6	300	1335	90	400	3.9	9.9	2.6	6.6
370-701-BTDRY-12	LTP012CB3510/25	12	0.26	6.6	300	1335	90	400	3.9	9.9	2.6	6.6
370-BTDRY62.5-24	LTP0X024CB3510/25	24	0.245 x 0.495	6.2 x 12.6	300	1335	90	400	7.4	18.9	5.0	12.6

**GIGALITE 50/125 MICRON PLENUM**

Maximum attenuation: 3.0/1.0 dB/km at 850/1300 nm; minimum bandwidth: 950/500 MHz • km at 850/1300 nm; Gigabit Ethernet distance: 750 m/600 m at 850/1300 nm; NOTE: 10 Gbps to 150 m

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation (lb.)	Long Term (lb.)	Installation (in.)	Long Term (in.)	Installation (cm)	Long Term (cm)		
370-500-GIGDRY-06	LTP006LB3010/75	6	0.26	6.6	300	1335	90	400	3.9	9.9	2.6	6.6
370-500-GIGDRY-12	LTP012LB3010/75	12	0.26	6.6	300	1335	90	400	3.9	9.9	2.6	6.6
370-GIGDRY150-24	LTP0X024LB3010/75	24	0.245 x 0.495	6.2 x 12.6	300	1335	90	400	7.4	18.9	5.0	12.6

**GIGALITE-10 50/125 MICRON (10 GBPS) PLENUM**

Maximum attenuation: 3.0/1.0 dB/km at 850/1300 nm; minimum bandwidth: 2,000/500 MHz • km at 850/1300 nm; Gigabit Ethernet distance: 1,000 m/600 m at 850/1300 nm; 10 Gigabit distance: 300 m/300 m at 850/1300 nm

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation (lb.)	Long Term (lb.)	Installation (in.)	Long Term (in.)	Installation (cm)	Long Term (cm)		
370-510-GIGDRY-06	LTP006EB3010/25	6	0.26	6.6	300	1335	90	400	3.9	9.9	2.6	6.6
370-510-GIGDRY-12	LTP012EB3010/25	12	0.26	6.6	300	1335	90	400	3.9	9.9	2.6	6.6
370-GIGDRY300-24	LTP0X024EB3010/25	24	0.245 x 0.495	6.2 x 12.5	300	1335	90	400	7.4	10.1	5.0	12.6

**GIGALITE 50/125 MICRON RISER**

Maximum attenuation: 3.0/1.0 dB/km at 850/1300 nm; minimum bandwidth: 950/500 MHz • km at 850/1300 nm; Gigabit Ethernet distance: 750 m/600 m at 850/1300 nm; NOTE: 10 Gbps to 150 m

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation (lb.)	Long Term (lb.)	Installation (in.)	Long Term (in.)	Installation (cm)	Long Term (cm)		
370-501-GIGDRY-06	LTR006LB3010/75	6	0.26	6.5	300	1335	90	400	3.8	9.7	2.6	6.5
370-501-GIGDRY-12	LTR012LB3010/75	12	0.26	6.5	300	1335	90	400	3.8	9.7	2.6	6.5
371-GIGDRY150-24	LTR0X024LB3010/75	24	0.245 x 0.495	6.2 x 12.6	300	1335	90	400	7.7	19.4	5.1	13.0

**GIGALITE-10 MICRON RISER**

Maximum attenuation: 3.0/1.0 dB/km at 850/1300 nm; minimum bandwidth: 2,000/500 MHz • km at 850/1300 nm; Gigabit Ethernet distance: 1,000 m/600 m at 850/1300 nm; 10 Gigabit distance: 300 m/300 m at 850/1300 nm

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation (lb.)	Long Term (lb.)	Installation (in.)	Long Term (in.)	Installation (cm)	Long Term (cm)		
370-511-GIGDRY-06	LTR006EB3010/25	6	0.25	6.5	300	1335	90	400	3.8	9.7	2.6	6.5
370-511-GIGDRY-12	LTR012EB3010/25	12	0.25	6.5	300	1335	90	400	3.8	9.7	2.6	6.5
371-GIGDRY300-24	LTR0X024EB3010/25	24	0.245 x 0.495	6.2 x 12.6	300	1335	90	400	7.7	19.4	5.1	13.0

Fibers supplied by Berk-Tek have the bandwidth measured by both Differential Mode Delay (DMD) and EMBc.

Premises Distribution Cable - Indoor Plenum

BERK-TEK

The enhanced plenum-rated, tight-buffered cables are intended for all high-speed data applications and support the latest in Gigabit communications protocols, including 1 to 10 Gigabit Ethernet. These cables include multimode 50/125 or 62.5/125-micron fiber, or single-mode for superior performance and extended distances.

Designed for installation in plenum, riser and horizontal structured cabling applications, these cables are available with optional interlocked armor.

NOTE: Product options available in multimode, GIGALite 62.5 or 50 micron GIGALite-10, GIGALite-10XB and single-mode.



**FEATURES**

- Flexible, small diameter, 900 μm, tight-buffered construction
- Available in 50/125 or 62.5/125 μm multimode and single-mode fibers
- 6 to 144 fiber, hybrid design options available

**Technical Information & Standards**

UL OFNP/FT6  
ISO/IEC 11801  
Telcordia GR-409  
ANSI/ICEA S-83-596  
EIA/TIA-568C  
IEEE 802.3

**STANDARD 62.5/125 MICRON MULTIMODE**

Maximum attenuation: 3.5/1.0 dB/km at 850/1300 nm; minimum bandwidth: 200/500 MHz • km at 850/1300 nm; Gigabit Ethernet distance: 300 m/600 m at 850/1300 nm

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation (lb.)	Long Term (lb.)	Installation (in.)	Long Term (in.)	Installation (cm)	Long Term (cm)		
<b>370-701-BTDST-06</b>	PDP006CB3510/25	6	0.18	4.6	300	1335	90	400	2.7	6.9	1.8	4.6
<b>370-701-BTDST-12</b>	PDP012CB3510/25	12	0.21	5.3	300	1335	90	400	3.2	8.0	2.1	5.3
<b>370-BKT62.5-TBD-24</b>	PDP024CB3510/25	24	0.285	7.2	300	1335	90	400	4.3	10.9	2.9	7.2

**GIGALITE 50/125 MICRON MULTIMODE**

Maximum attenuation: 3.0/1.0 dB/km at 850/1300 nm; minimum bandwidth: 950/500 MHz • km at 850/1300 nm; Gigabit Ethernet distance: 750 m/600 m at 850/1300 nm; NOTE: 10 Gbps to 150 m

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation (lb.)	Long Term (lb.)	Installation (in.)	Long Term (in.)	Installation (cm)	Long Term (cm)		
<b>370-500-GIGDST-06</b>	PDP006LB3010/75	6	0.18	4.6	300	1335	90	400	2.7	6.9	1.8	4.6
<b>370-500-GIGDST-12</b>	PDP012LB3010/75	12	0.21	5.3	300	1335	90	400	3.2	8.0	2.1	5.3
<b>370-BKT150-TBD-24</b>	PDP024LB3010/75	24	0.285	7.2	300	1335	90	400	4.3	10.9	2.9	7.2

**GIGALITE-10 50/125 MICRON (10 GBPS) MULTIMODE**

Maximum attenuation: 3.0/1.0 dB/km at 850/1300 nm; minimum bandwidth: 2,000/500 MHz • km at 850/1300 nm; Gigabit Ethernet distance: 1,000 m/600 m at 850/1300 nm; 10 Gigabit distance: 300 m/300 m at 850/1300 nm

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation (lb.)	Long Term (lb.)	Installation (in.)	Long Term (in.)	Installation (cm)	Long Term (cm)		
<b>370-510-GIGDST-06</b>	PDP006EB3010/25	6	0.18	4.6	300	1335	90	400	2.7	6.9	1.8	4.6
<b>370-510-GIGDST-12</b>	PDP012EB3010/25	12	0.21	5.3	300	1335	90	400	3.2	8.0	2.1	5.3
<b>370-510-GIGDST-24</b>	PDP12B024EB3010/25	24	0.454 x 0.252	11.5 x 6.4	300	1335	90	400	7.6	19.2	5.0	12.8

Fibers supplied by Berk-Tek have the bandwidth measured by both Differential Mode Delay (DMD) and EMBc.

## Armor-Tek Premises Distribution Cable with Interlock Armor - Indoor Plenum

**BERK-TEK**

Berk-Tek's Armor-Tek premises distribution interlock armor fiber cables consist of a tight-buffered fiber cable with an aluminum or steel, spirally-wrapped armor encasing it. The cable is then covered with a plenum or riser rated jacket to prevent snags during installation. Armor-Tek cables containing up to 144-fiber count are available. Armored designs are also available for riser-rated, tight-buffered cables as well as loose-tube indoor/outdoor cables.



NOTE: Product options available in multimode, GIGALite 62.5 or 50 micron, GIGALite-10, GIGALite-10XB and single-mode.

**FEATURES**

- Jacketed armor that remains flexible due to the spiral wrap armoring process
- The armored design allows for an easy one-pull installation into any environment
- Aluminum or steel interlock armor is available
- Aluminum interlock offers 10 to 13 times the crush resistance of a standard fiber cable
- Steel interlock offers 12 to 19 times the crush resistance of a standard fiber cable
- Compact outside diameters when compared to plenum innerduct or conduit
- Available in tight-buffered or loose-tube with multimode, 62.5 μm or 50 micron GIGALite, GIGALite-10 and GIGALite-10XB, and single-mode fiber and hybrid constructions
- Eliminate the need for conduit or plenum innerduct by installing the interlock armor cable, providing a significant cost savings in both materials and labor
- Extremely durable cables for hazardous environments or difficult cable installations
- Installation time can be reduced by as much as 80 percent versus installing conduit or innerduct
- Armor-Tek fiber cables accommodate last minute relocations or pathway changed whereas innerduct or conduit is not a flexible alternative
- Armor-Tek fiber cables are not governed by fill ratios because they are UL Listed as cable assemblies, allowing a higher concentration of cables in an area than conduit
- Can be installed in campus environments due to the durability and indoor-outdoor rating of the cable
- Provides additional protection and security for your fiber backbone due to the ruggedness of the armoring materials

**Technical Information & Standards**

International: ISO/IEC 11801  
 North American: ANSI/TIA/EIA-568-B.3  
 ANSI/ICEA S-83-596  
 Telcordia GR-409  
 Flame rating: All of Berk-Tek's plenum Armor-Tek fiber cables are rated OFCP for plenum

**APPLICATIONS**

Armor-Tek fiber cables can be used in any of the following installation environments: indoor, indoor/outdoor, in backbones, between closets, fiber-to-the-desk, if a pathway is beyond its fill ratio, areas where extra physical protection is needed for difficult runs, where network security is a concern, in a fast track installation, between buildings, direct-buried in trays or direct-buried in plowing. Refer to cable core environmental restrictions for applicable environments.

**STANDARD 62.5/125 MICRON MULTIMODE**

Maximum attenuation: 3.5/1.0 dB/km at 850/1300 nm; minimum bandwidth: 200/500 MHz • km at 850/1300 nm; 1 Gigabit Ethernet distance: 300 m/600 m at 850/1300 nm

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-701-ARMOR-06	PDPK006CB3510/25	6	0.495	12.6	300	1335	90	400	7.4	18.9	5.0	12.6
370-701-ARMOR-12	PDPK012CB3510/25	12	0.523	13.3	300	1335	90	400	5.2	13.3	7.8	19.9
370-BKT62.5-TBA-24	PDPK024CB3510/25	24	0.584	14.8	300	1335	90	400	8.8	22.3	5.8	14.8

**GIGALITE 50/125 MICRON MULTIMODE**

Maximum attenuation: 3.0/1.0 dB/km at 850/1300 nm; minimum bandwidth: 950/500 MHz • km at 850/1300 nm; 1 Gigabit Ethernet distance: 750 m/600 m at 850/1300 nm; Note: 10 Gbps to 150 m

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-BKT50-TBA-06	PDPK006LB3010/75	6	0.495	12.6	300	1335	90	400	7.4	18.9	5.0	12.6
370-BKT50-TBA-12	PDPK012LB3010/75	12	0.523	13.3	300	1335	90	400	7.8	19.9	5.2	13.3
370-BKT50-TBA-24	PDPK024LB3010/75	24	0.584	14.8	300	1335	90	400	8.8	22.3	5.8	14.8

GIGALITE-10 50/125 MICRON (10 GBPS) MULTIMODE

Maximum attenuation: 3.0/1.0 dB/km at 850/1300 nm; minimum bandwidth: 2,000/500 MHz • km at 850/1300 nm; 10 Gigabit Ethernet distance: 300/300 m at 850/1300 nm

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)
<b>370-BKT300-TBA-06</b>	PDPK006EB3010/25	6	0.495	12.6	300	1335	90	400	7.4	18.9	5.0	12.6
<b>370-BKT300-TBA-12</b>	PDPK012EB3010/25	12	0.523	13.3	300	1335	90	400	7.8	19.9	5.2	13.3
<b>370-BKT300-TBA-24</b>	PDPK024EB3010/25	24	0.584	14.8	300	1335	90	400	8.8	22.3	5.8	14.8

Interlocking armor cables can save up to 30 percent in total installed cost over plenum innerduct.  
Also available in single-mode, hybrids and GIGALite-10XB.

Premise Distribution Cable - Indoor/Outdoor Riser

BERK-TEK

This special premise distribution riser (PDR) is intended for all high-speed data applications, and supports the latest in Gigabit communications, including 40 to 100 Gigabit Ethernet. These cables include 50/125- or 62.5/125-micron fiber for superior performance and extended distances.

The indoor/outdoor PDR cables are designed for installation in riser and horizontal structured cabling applications as well as for intra or interbuilding backbone links. Indoor/outdoor PDR cables are intended for installation in conduits below the frost line. For added protection, these cables are available in interlock armor versions.

NOTE: Product options available in multimode, GIGALite 62.5 or 50 micron, GIGALite-10, GIGALite-10XB and single-mode.



FEATURES

- Flexible, small-diameter, 900 μm, tight-buffered construction
- Does not require mode conditioning patch cord for Gigabit Ethernet applications
- Available in 50/125 and 62.5/125 μm GIGALite multimode and single-mode fibers
- 6 to 144 fiber, hybrid design options available
- Black jacket
- Water blocked
- UV stable
- Fungus resistant

Technical Information & Standards

- ISO/IEC 11801
- Telecordia GR-409
- ANSI/ICEA S-83-696
- UL OFNR/FT4

STANDARD 62.5/125 MICRON MULTIMODE

Maximum attenuation: 3.5/1.0 dB/km at 850/1300 nm; minimum bandwidth: 200/500 MHz • km at 850/1300 nm; Gigabit Ethernet distance: 300 m/600 m at 850/1300 nm

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)
<b>371-BK62-TB-06-C4D4</b>	PDR006CB3510/25-I/OBLA	6	0.224	5.7	300	1335	90	400	3.4	8.5	2.2	5.7

GIGALITE 50/125 MICRON MULTIMODE

Maximum attenuation: 3.0/1.0 dB/km at 850/1300 nm; minimum bandwidth: 950/500 MHz • km at 850/1300 nm; Gigabit Ethernet distance: 750 m/600 m at 850/1300 nm;  
NOTE: 10 Gbps to 150 m

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)
<b>371-BK50-TB-06-C4D4</b>	PDR006LB3010/75-I/OBLA	6	0.224	5.7	300	1335	90	400	3.4	8.5	2.2	5.7
<b>371-BK50-TB-12-C4D4</b>	PDR012LB3010/75-I/OBLA	12	0.246	6.2	300	1335	90	400	3.7	9.4	2.5	6.2

Continued on next page >>

# Cables

(continued) Premise Distribution Cable - Indoor/Outdoor Riser

**GIGALITE-10 50/125 MICRON (10 GBPS) MULTIMODE**

Maximum attenuation: 3.0/1.0 dB/km at 850/1300 nm; minimum bandwidth: 2,000/500 MHz • km at 850/1300 nm; Gigabit Ethernet distance: 1,000 m/600 m at 850/1300 nm; 10 Gigabit distance: 300 m/300 m at 850/1300 nm

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
371-BK150-TB-06-C4D4	PDR006EB3010/25-I/OBLA	6	0.224	5.7	300	1335	90	400	8.5	3.4	5.7	2.2
371-BK150-TB-12-C4D4	PDR012EB3010/25-I/OBLA	12	0.246	6.2	300	1335	90	400	9.4	3.7	6.2	2.5

**Premise Distribution GIGAlite-10XB**

BERK-TEK

**GIGALITE-10XB PREMISE DISTRIBUTION TIGHT BUFFER PLENUM**

10 Gbps to 600 m; highest-performance multimode fiber available; 4,900 MHz • km effective modal bandwidth; 3.0 dB/km maximum cabled attenuation. Note: Available to 144 fiber; hybrid cables available with single-mode fiber.



Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-510-GIGXDST-12	PDP012XB3010/X5	12	0.21	5.3	300	1335	90	400	8.0	3.2	5.3	2.1

**GIGALITE-10XB INDOOR/OUTDOOR LOOSE TUBE, DRY WATER-BLOCKED**

Cable core and buffer types use DryGel water blocking system. 3.0 dB/km cabled attenuation. Note: Available to 432 fibers.



Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-511-GIGXDYR-12	LTP012-XB3010/X5	12	0.26	6.6	300	1335	90	400	9.9	3.9	6.6	2.6

**Multimode Adventum Loose Tube Cable - Indoor/Outdoor Plenum and Riser - GIGAlite-10 50/125**

BERK-TEK

Adventum loose tube cables are designed to be used in virtually any cable plant and are able to support the latest Gigabit communications protocols, including 4 to 10 Gigabit Ethernet. The Adventum design offers the installer the ability to place cable anywhere in the network, bypassing the traditional transition points required in most installations. This cable has one of the smallest diameters available, making installation easy and taking up a minimum amount of duct space. Adventum GIGAlite cables include 50/125 and 62.5/125-micron fiber for superior performance.



This unique cable design (U.S. Patent #6,178,178) is capable of withstanding the rigors of the outside plant environment, can be rated for plenum installations and uses no gel fillings. For added protection, these cables are also available in interlock armor versions.

**FEATURES**

- Compact, all-dielectric, patented DryGel totally dry water-blocked design
- High tensile strength, superior crush resistance and small diameter
- Can be installed in outside plant riser or plenum environment in compliance with ANSI/TIA-758
- Does not require mode conditioning patch cords for Gigabit Ethernet applications
- Available with multimode, single-mode and GIGAlite fibers
- 6 to 432 fibers, hybrid design options available

**Technical Information & Standards**

- ISO/IEC 11801
- ANSI/ICEA S-87-640
- ANSI/ICEA S-104-696
- EIA/TIA-568C
- IEEE 802.3

GIGALITE-10 50/125 MICRON (10 GBPS) MULTIMODE PLENUM

Maximum attenuation: 3.0/1.0 dB/km at 850/1300 nm; minimum bandwidth: 2,000/500 MHz • km at 850/1300 nm; Gigabit Ethernet distance: 1,000 m/600 m at 850/1300 nm; 10 Gigabit Ethernet distance: 300 m/300 m at 850/1300 nm

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-510-GIGDRY-06	LTP006EB3010/25	6	0.26	6.6	300	1335	90	400	3.9	9.9	2.6	6.6
370-510-GIGDRY-12	LTP012EB3010/25	12	0.26	6.6	300	1335	90	400	3.9	9.9	2.6	6.6
370-510-GIGDRY-24	LTP12B024EB3010/25	24	0.37	9.4	600	2670	200	890	5.6	14.1	3.7	9.4

GIGALITE-10 50/125 MICRON (10 GBPS) MULTIMODE RISER

Maximum attenuation: 3.0/1.0 dB/km at 850/1300 nm; minimum bandwidth: 2,000/500 MHz • km at 850/1300 nm; Gigabit Ethernet distance: 1,000 m/600 m at 850/1300 nm; 10 Gigabit Ethernet distance: 300 m/300 m at 850/1300 nm

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-511-GIGDRY-06	LTR006EB3010/25	6	0.25	6.5	300	1335	90	400	3.8	9.7	2.6	6.5
370-511-GIGDRY-12	LTR012EB3010/25	12	0.25	6.5	300	1335	90	400	3.8	9.7	2.6	6.5
370-511-GIGDRY-24	LTR12B024EB3010/25	24	0.39	10.1	600	2670	200	890	5.9	15.1	4.0	10.1

Fibers supplied by Berk-Tek have the bandwidth measured by both Differential Mode Delay (DMD) and EMBc.

# Patch Cords

2-fiber, 62.5/125, Ceramic to Ceramic

COMPU-LINK



Premium performance, exceeds EIA/TIA-568 specifications with maximum insertion loss of less than 0.5 dB.

LC TO LC CERAMIC

Anixter No.	Vendor No.	Length (ft.)	Length (m)
246811	LCCLCCD1	3.3	1
246812	LCCLCCD2	6.6	2
246813	LCCLCCD3	10.0	3
275067	LCCLCCD4	13.1	4
246814	LCCLCCD5	16.4	5
275070	LCCLCCD6	19.7	6
266847	LCCLCCD7	23.0	7
275071	LCCLCCD8	26.2	8
246815	LCCLCCD10	32.8	10
275072	LCCLCCD12	39.4	12
275073	LCCLCCD15	49.2	15
275074	LCCLCCD18	59.1	18
305923	LCCLCCD20	65.6	20

LC TO SC CERAMIC

Anixter No.	Vendor No.	Length (ft.)	Length (m)
246816	LCSCCD1	3.3	1
246817	LCSCCD2	6.6	2
246818	LCSCCD3	10.0	3
275075	LCSCCD4	13.1	4
246819	LCSCCD5	16.4	5
275076	LCSCCD6	19.7	6
267757	LCSCCD7	23.0	7
255831	LCSCCD8	26.2	8
276627	LCSCCD9	29.7	9
246820	LCSCCD10	32.8	10
275077	LCSCCD12	39.4	12
256200	LCSCCD15	49.2	15
275081	LCSCCD18	59.1	18

LC TO ST CERAMIC

Anixter No.	Vendor No.	Length (ft.)	Length (m)
264444	LCSTCD1	3.3	1
264445	LCSTCD2	6.6	2
264446	LCSTCD3	10.0	3
264447	LCSTCD5	16.4	5
266860	LCSTCD7	23.0	7
264448	LCSTCD10	32.8	10

SC TO SC CERAMIC

Anixter No.	Vendor No.	Length (ft.)	Length (m)
152001	SCCSCCD1	3.3	1
152002	SCCSCCD2	6.6	2
152003	SCCSCCD3	10.0	3
199432	SCCSCCD4	13.1	4
152004	SCCSCCD5	16.4	5
199433	SCCSCCD6	19.7	6
266850	SCCSCCD7	23.0	7
199434	SCCSCCD8	26.2	8
152005	SCCSCCD10	32.8	10
199435	SCCSCCD12	39.4	12
199436	SCCSCCD15	49.2	15
199437	SCCSCCD18	59.1	18

ST TO ST CERAMIC

Anixter No.	Vendor No.	Length (ft.)	Length (m)
129350	STCSTCD1	3.3	1
139055	STCSTCD2	6.6	2
129351	STCSTCD3	10.0	3
173135	STCSTCD4	13.1	4
129352	STCSTCD5	16.4	5
199444	STCSTCD6	19.7	6
266843	STCSTCD7	23.0	7
199445	STCSTCD8	26.2	8
129353	STCSTCD10	32.8	10
173131	STCSTCD12	39.4	12
129354	STCSTCD15	49.2	15
147378	STCSTCD18	59.1	18

ST TO SC CERAMIC

Anixter No.	Vendor No.	Length (ft.)	Length (m)
152011	STCSCCD1	3.3	1
152012	STCSCCD2	6.6	2
152013	STCSCCD3	10.0	3
199438	STCSCCD4	13.1	4
152014	STCSCCD5	16.4	5
199439	STCSCCD6	19.7	6
266844	STCSCCD7	23.0	7
199440	STCSCCD8	26.2	8
152015	STCSCCD10	32.8	10
199441	STCSCCD12	39.4	12
199442	STCSCCD15	49.2	15
199443	STCSCCD18	59.1	18

For information on fiber trunks, visit [www.compulink-usa.com](http://www.compulink-usa.com) or contact your local sales office.



# Patch Cords

## 2-fiber, 62.5/125, Ceramic to Ceramic

COMPU-LINK



Standard performance, meets EIA/TIA-568 specifications with maximum insertion loss of less than 0.75 dB.

### ST TO ST CERAMIC

Anixter No.	Vendor No.	Length (ft.)	Length (m)
207046	STPSTPD1	3.3	1
207047	STPSTPD2	6.6	2
207049	STPSTPD3	10.0	3
207050	STPSTPD5	16.4	5
208692	STPSTPD6	19.7	6
208693	STPSTPD8	26.2	8
207051	STPSTPD10	32.8	10
207904	STPSTPD15	49.2	15
209341	STPSTPD18	59.1	18

### SC TO SC CERAMIC

Anixter No.	Vendor No.	Length (ft.)	Length (m)
207052	SCPSCPD1	3.3	1
207053	SCPSCPD2	6.6	2
207054	SCPSCPD3	10.0	3
208694	SCPSCPD4	13.1	4
207055	SCPSCPD5	16.4	5
208695	SCPSCPD6	19.7	6
208696	SCPSCPD8	26.2	8
207056	SCPSCPD10	32.8	10
208697	SCPSCPD12	39.4	12
208698	SCPSCPD15	49.2	15
208699	SCPSCPD18	59.1	18

### ST TO SC CERAMIC

Anixter No.	Vendor No.	Length (ft.)	Length (m)
207057	STPSCPD1	3.3	1
207058	STPSCPD2	6.6	2
207059	STPSCPD3	10.0	3
208700	STPSCPD4	13.1	4
207060	STPSCPD5	16.4	5
208701	STPSCPD6	19.7	6
208702	STPSCPD8	26.2	8
207061	STPSCPD10	32.8	10
208706	STPSCPD12	39.4	12
208707	STPSCPD15	49.2	15
208708	STPSCPD18	59.1	18

## 2-fiber, 62.5/125, Ceramic to MT-RJ Composite

COMPU-LINK

### LC CERAMIC TO MT-RJ COMPOSITE

Anixter No.	Vendor No.	Length (ft.)	Length (m)
246821	LCCMTRJPD1	3.3	1
246822	LCCMTRJPD2	6.6	2
246823	LCCMTRJPD3	10.0	3
246824	LCCMTRJPD5	16.4	5
246825	LCCMTRJPD10	32.8	10

### SC CERAMIC TO MT-RJ COMPOSITE

Anixter No.	Vendor No.	Length (ft.)	Length (m)
223739	MTRJPSCCD1	3.3	1
223740	MTRJPSCCD2	6.6	2
223741	MTRJPSCCD3	10.0	3
223742	MTRJPSCCD5	16.4	5
223743	MTRJPSCCD10	32.8	10

### ST CERAMIC TO MT-RJ COMPOSITE

Anixter No.	Vendor No.	Length (ft.)	Length (m)
223734	MTRJPSTCD1	3.3	1
223735	MTRJPSTCD2	6.6	2
223736	MTRJPSTCD3	10.0	3
223737	MTRJPSTCD5	16.4	5
266849	MTRJPSTCD7	23.0	7
223738	MTRJPSTCD10	32.8	10

## 1-fiber, 62.5/125, Ceramic to Ceramic

COMPU-LINK

### SC TO SC CERAMIC

Anixter No.	Vendor No.	Length (ft.)	Length (m)
328294	SCCSCCS1	3.3	1
328297	SCCSCCS2	6.6	2
328298	SCCSCCS3	10.0	3
328302	SCCSCCS5	16.4	5
328304	SCCSCCS10	32.8	10

### ST TO SC CERAMIC

Anixter No.	Vendor No.	Length (ft.)	Length (m)
153572	STCSCCS1	3.3	1
153571	STCSCCS2	6.6	2
153570	STCSCCS3	10.0	3
153569	STCSCCS5	16.4	5
153568	STCSCCS10	32.8	10

### ST TO ST CERAMIC

Anixter No.	Vendor No.	Length (ft.)	Length (m)
129341	STCSTCS1	3.3	1
129342	STCSTCS3	10.0	3
129344	STCSTCS5	16.4	5
129345	STCSTCS10	32.8	10

# Patch Cords

2-fiber, 50/125, Aqua SX150, Ceramic to Ceramic

COMPU-LINK



LC TO LC CERAMIC

Anixter No.	Vendor No.	Length (ft.)	Length (m)
246793	LCCLCC50D1	3.3	1
246794	LCCLCC50D2	6.6	2
246795	LCCLCC50D3	10.0	3
275058	LCCLCC50D4	13.1	4
246796	LCCLCC50D5	16.4	5
275059	LCCLCC50D6	19.7	6
305121	LCCLCC50D7	23.0	7
275060	LCCLCC50D8	26.2	8
246797	LCCLCC50D10	32.8	10
275061	LCCLCC50D12	39.4	12
275062	LCCLCC50D15	49.2	15
275064	LCCLCC50D18	59.1	18
348779	LCCLCC50D20	65.6	20

LC TO ST CERAMIC

Anixter No.	Vendor No.	Length (ft.)	Length (m)
269222	LCCSTC50D1	3.3	1
269224	LCCSTC50D2	6.6	2
269225	LCCSTC50D3	10.0	3
269227	LCCSTC50D4	13.1	4
269228	LCCSTC50D5	16.4	5
269229	LCCSTC50D6	19.7	6
269230	LCCSTC50D8	26.2	8
269231	LCCSTC50D10	32.8	10
269233	LCCSTC50D11	36.1	11

LC TO SC CERAMIC

Anixter No.	Vendor No.	Length (ft.)	Length (m)
246801	LCCSCC50D1	3.3	1
246802	LCCSCC50D2	6.6	2
246803	LCCSCC50D3	10.0	3
269234	LCCSCC50D4	13.1	4
246804	LCCSCC50D5	16.4	5
269235	LCCSCC50D6	19.7	6
328245	LCCSCC50D7	23.0	7
264449	LCCSCC50D8	26.2	8
246805	LCCSCC50D10	32.8	10
269236	LCCSCC50D11	36.1	11
275065	LCCSCC50D12	39.4	12
264450	LCCSCC50D15	49.2	15
275066	LCCSCC50D18	59.1	18

SC TO SC CERAMIC

Anixter No.	Vendor No.	Length (ft.)	Length (m)
246841	SCCSCC50D1	3.3	1
246842	SCCSCC50D2	6.6	2
246843	SCCSCC50D3	10.0	3
269241	SCCSCC50D4	13.1	4
246844	SCCSCC50D5	16.4	5
269242	SCCSCC50D6	19.7	6
269243	SCCSCC50D8	26.2	8
246845	SCCSCC50D10	32.8	10
269244	SCCSCC50D11	36.1	11
275082	SCCSCC50D12	39.4	12
275083	SCCSCC50D15	49.2	15
275084	SCCSCC50D18	59.1	18

ST TO SC CERAMIC



Anixter No.	Vendor No.	Length (ft.)	Length (m)
246834	STCSCC50D1	3.3	1
246836	STCSCC50D2	6.6	2
246837	STCSCC50D3	10.0	3
269237	STCSCC50D4	13.1	4
246838	STCSCC50D5	16.4	5
269238	STCSCC50D6	19.7	6
269239	STCSCC50D8	26.2	8
246839	STCSCC50D10	32.8	10
269240	STCSCC50D11	36.1	11

ST TO ST CERAMIC

Anixter No.	Vendor No.	Length (ft.)	Length (m)
246828	STCSTC50D1	3.3	1
246829	STCSTC50D2	6.6	2
246830	STCSTC50D3	10.0	3
246831	STCSTC50D5	16.4	5
246832	STCSTC50D10	32.8	10

For information on fiber trunks, visit [www.complink-usa.com](http://www.complink-usa.com) or contact your local sales office.

# Patch Cords

## 2-fiber, 50/125, Aqua SX150, Ceramic to Composite

COMPU-LINK

### LC CERAMIC TO MT-RJ COMPOSITE

Anixter No.	Vendor No.	Length (ft.)	Length (m)
246806	LCCMTRJP50D1	3.3	1
246807	LCCMTRJP50D2	6.6	2
246808	LCCMTRJP50D3	10.0	3
246809	LCCMTRJP50D5	16.4	5
246810	LCCMTRJP50D10	32.8	10

### SC CERAMIC TO MT-RJ COMPOSITE

Anixter No.	Vendor No.	Length (ft.)	Length (m)
248816	MTRJPSCC50D1	3.3	1
248817	MTRJPSCC50D2	6.6	2
248818	MTRJPSCC50D3	10.0	3
248819	MTRJPSCC50D5	16.4	5
269246	MTRJPSCC50D6	19.7	6
269247	MTRJPSCC50D8	26.2	8
248820	MTRJPSCC50D10	32.8	10

### ST CERAMIC TO MT-RJ COMPOSITE

Anixter No.	Vendor No.	Length (ft.)	Length (m)
269249	MTRJPSTC50D1	3.3	1
269251	MTRJPSTC50D3	10.0	3
269254	MTRJPSTC50D5	16.4	5
269257	MTRJPSTC50D10	32.8	10

## 2-fiber, MT-RJ to MT-RJ Composite

COMPU-LINK



### 62.5/125

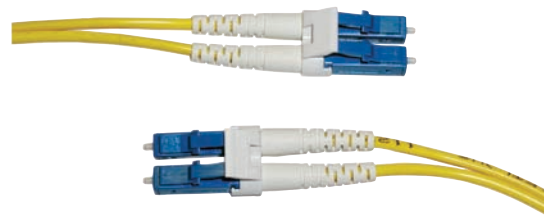
Anixter No.	Vendor No.	Length (ft.)	Length (m)
223744	MTRJPMTRJPD1	3.3	1
223745	MTRJPMTRJPD2	6.6	2
223746	MTRJPMTRJPD3	10.0	3
223747	MTRJPMTRJPD5	16.4	5
223748	MTRJPMTRJPD10	32.8	10

### 50/125 AQUA SX150

Anixter No.	Vendor No.	Length (ft.)	Length (m)
255510	MTRJPMTRJP50D1	3.3	1
255514	MTRJPMTRJP50D2	6.6	2
255515	MTRJPMTRJP50D3	10.0	3
255516	MTRJPMTRJP50D5	16.4	5
255519	MTRJPMTRJP50D10	32.8	10

## 2-fiber Single-mode Jumper Cords Ultra Polish

COMPU-LINK



These single-mode jumpers are tested for insertion loss of 0.2 dB average, and a return loss of 55 dB or better. All single-mode assemblies meet the Telcordia GR-326 specification.

### LC CERAMIC TO LC CERAMIC DUPLEX (8.3/125)

Anixter No.	Vendor No.	Length (ft.)	Length (m)
246866	LCCLCCD1-UPSM	3.3	1
246867	LCCLCCD2-UPSM	6.6	2
246868	LCCLCCD3-UPSM	10.0	3
246869	LCCLCCD5-UPSM	16.4	5
266848	LCCLCCD7-UPSM	23.0	7
246870	LCCLCCD10-UPSM	32.8	10
255835	LCCLCCD15-UPSM	49.2	15

### LC CERAMIC TO SC CERAMIC DUPLEX (8.3/125)

Anixter No.	Vendor No.	Length (ft.)	Length (m)
246858	LCCSCCD1-UPSM	3.3	1
246859	LCCSCCD2-UPSM	6.6	2
246863	LCCSCCD3-UPSM	10.0	3
246864	LCCSCCD5-UPSM	16.4	5
267758	LCCSCCD7-UPSM	23.0	7
246865	LCCSCCD10-UPSM	32.8	10

### LC CERAMIC TO ST CERAMIC DUPLEX (8.3/125)

Anixter No.	Vendor No.	Length (ft.)	Length (m)
264451	LCCSTCD1-UPSM	3.3	1
264452	LCCSTCD2-UPSM	6.6	2
264453	LCCSTCD3-UPSM	10.0	3
266861	LCCSTCD5-UPSM	16.4	5
266862	LCCSTCD7-UPSM	23.0	7
266863	LCCSTCD10-UPSM	32.8	10

### MT-RJ TO ST CERAMIC DUPLEX (8.3/125)

Anixter No.	Vendor No.	Length (ft.)	Length (m)
266925	MTRJSTC1-UPSM	3.3	1
266926	MTRJSTC3-UPSM	10.0	3
266927	MTRJSTC5-UPSM	16.4	5
266928	MTRJSTC7-UPSM	23.0	7
266929	MTRJSTC10-UPSM	32.8	10

# Patch Cords

## Single-mode Fiber Jumper Cords, Super Polish

COMPU-LINK



These are single-mode fiber jumpers with 40 dB return loss.

### 1-FIBER ST TYPE TO ST TYPE CERAMIC TIPS (8.3/125)

Anixter No.	Vendor No.	Length (ft.)	Length (m)
151980	STCSTCS1-SPSM	3.3	1
151981	STCSTCS2-SPSM	6.6	2
151982	STCSTCS3-SPSM	10.0	3
151983	STCSTCS5-SPSM	16.4	5
151984	STCSTCS10-SPSM	32.8	10

### 1-FIBER ST TYPE TO SC CERAMIC TIPS (8.3/125)

Anixter No.	Vendor No.	Length (ft.)	Length (m)
152049	STCSCCS1-SPSM	3.3	1
152050	STCSCCS2-SPSM	6.6	2
152051	STCSCCS3-SPSM	10.0	3
152052	STCSCCS5-SPSM	16.4	5
152053	STCSCCS10-SPSM	32.8	10

### 1-FIBER SC TYPE TO SC TYPE CERAMIC TIPS (8.3/125)

Anixter No.	Vendor No.	Length (ft.)	Length (m)
151991	SCCSCCS1-SPSM	3.3	1
151992	SCCSCCS2-SPSM	6.6	2
151993	SCCSCCS3-SPSM	10.0	3
151994	SCCSCCS5-SPSM	16.4	5
151995	SCCSCCS10-SPSM	32.8	10

### 2-FIBER SC TYPE TO SC TYPE CERAMIC TIPS (8.3/125)

Anixter No.	Vendor No.	Length (ft.)	Length (m)
152026	SCCSCCD1-SPSM	3.3	1
152027	SCCSCCD2-SPSM	6.6	2
152028	SCCSCCD3-SPSM	10.0	3
152029	SCCSCCD5-SPSM	16.4	5
266851	SCCSCCD7-SPSM	23.0	7
267427	SCCSCCD8-SPSM	26.2	8
152030	SCCSCCD10-SPSM	32.8	10
267428	SCCSCCD12-SPSM	39.4	12
267430	SCCSCCD15-SPSM	49.2	15
267432	SCCSCCD18-SPSM	59.1	18
267434	SCCSCCD20-SPSM	65.6	20
267433	SCCSCCD30-SPSM	98.4	30

### 2-FIBER ST TYPE TO SC TYPE CERAMIC TIPS (8.3/125)

Anixter No.	Vendor No.	Length (ft.)	Length (m)
152036	STCSCCD1-SPSM	3.3	1
152037	STCSCCD2-SPSM	6.6	2
152038	STCSCCD3-SPSM	10.0	3
152039	STCSCCD5-SPSM	16.4	5
266846	STCSCCD7-SPSM	23.0	7
152040	STCSCCD10-SPSM	32.8	10

### 2-FIBER ST TYPE TO ST TYPE CERAMIC TIPS (8.3/125)

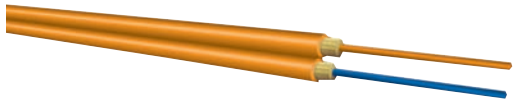
Anixter No.	Vendor No.	Length (ft.)	Length (m)
151986	STCSTCD1-SPSM	3.3	1
151987	STCSTCD2-SPSM	6.6	2
151988	STCSTCD3-SPSM	10.0	3
151989	STCSTCD5-SPSM	16.4	5
266845	STCSTCD7-SPSM	23.0	7
151990	STCSTCD10-SPSM	32.8	10

For information on fiber trunks, visit [www.compulink-usa.com](http://www.compulink-usa.com) or contact your local sales office.

## A-Series Assembly Cables

**OPTICAL CABLE CORPORATION**

A-Series Assembly Cables are constructed with color-coded, 900 micron, buffered optical fibers surrounded by aramid-strength members and overjacketed with either a riser or plenum UL Rated jacket. Low smoke zero halogen (LSZH) cable constructions are also available. For various optical connector types, micro-assembly cables are also available in smaller diameters such as 1.6 mm and 2.0 mm.



**FEATURES**

- Resilient and flexible for jumpers, patch cords and pigtails
- Suitable for general-purpose indoor use, such as routing connections in patching systems
- Short "patch cord" cables ideal for links between electronic equipment and main fiber optic cables
- Compatible with all standard fiber optic connectors
- High-performance tight-buffered coating on each optical fiber for environmental and mechanical protection
- Available in 2.9, 2.0 or 1.6 mm diameters
- 1 (simplex) and 2 (duplex) fibers available
- Available with Bend Insensitive Single-mode fiber
- Custom jacket colors are available to match connectors

**62.5/125 MULTIMODE - PLENUM**

Maximum attenuation: 3.5/1.5 dB/km (850/1310 nm); minimum laser bandwidth: 220/500 MHz • km (850/1310 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation (lb.)	N	Long Term (lb.)	N	Installation (in.)	(cm)	Long Term (in.)	(cm)
370-119-AXWLS-02	AX002SWLS90P	2	0.11 x 0.23	2.9 x 5.8	220	1000	110	500	1.8	5.0	1.2	3.0

**62.5/125 MULTIMODE - RISER**

Maximum attenuation: 3.5/1.5 dB/km (850/1310 nm); minimum laser bandwidth: 220/500 MHz • km (850/1310 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation (lb.)	N	Long Term (lb.)	N	Installation (in.)	(cm)	Long Term (in.)	(cm)
370-120-AXWLS-02	AX02-030N-WLS-900-0FNR	2	0.11 x 0.23	2.9 x 5.8	220	1000	110	500	2.0	5.0	1.2	3.0

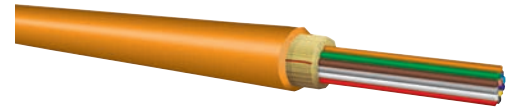
Cables are also available in single-mode, 50/125 multimode and other fiber types.

# Cables

## D-Series Distribution Cables

OPTICAL CABLE CORPORATION

D-Series Distribution Cables are constructed with stranded, color-coded, 900 micron, buffered optical fibers surrounded by aramid-strength members and overjacketed with either a riser or plenum UL Rated jacket. Special jackets for harsh environments can be used for the D-Series Distribution Cables as well as other cable configurations including breakout, subgrouping, messenger, armored, composite, hybrids and LSZH for indoor and outside plant environments.



**FEATURES**

- Indoor/outdoor tight-bound tight-buffered design allows cables to be installed in intra-building backbone and inter-building campus locations without costly transitions between cable types
- Ideal configuration for a single termination point requiring multiple fibers
- High-performance components and construction
- Helically stranded core for greater flexibility and mechanical protection of the optical fibers
- Compact cable design for limited conduit space
- High strength-to-weight ratio
- May be directly terminated with connectors with physical protection at termination points
- Interlocking armor can be applied to cables as an alternative to conduit installation
- 900 μm buffer eliminates the need for costly and time-consuming installation of fan-out kits or pigtail splices because connectors terminate directly to the fiber
- No need to splice outdoor cable to indoor cable at the building entrance
- 2 to 144 fiber configurations

62.5/125 MULTIMODE - RISER - INDOOR/OUTDOOR

Maximum attenuation: 3.5/1.5 dB/km (850/1300 nm); minimum laser bandwidth: 220/500 MHz • km (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation		Long Term		Installation		Long Term	
370-120-DXWLS-04	DX004DWLS9KR	4	0.20	5.1	310	1400	100	450	3.0	7.7	2.0	5.1
370-120-DXWLS-06	DX006DWLS9KR	6	0.22	5.7	310	1400	100	450	3.4	8.5	2.2	5.7
370-120-DXWLS-12	DX012DWLS9KR	12	0.26	6.5	600	2700	135	600	3.8	9.8	2.6	6.5
370-120-DXWLS-24	DX024DWLS9KR	24	0.354	9.0	670	3000	220	1000	5.3	13.3	3.5	9

62.5/125 MULTIMODE - PLENUM - INDOOR

Maximum attenuation: 3.5/1.5 dB/km (850/1300 nm); minimum laser bandwidth: 220/500 MHz • km (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation		Long Term		Installation		Long Term	
370-119-DXWLS-04	DX004SWLS90P	4	0.18	4.5	270	1200	90	400	2.6	6.75	1.8	4.5
370-119-DXWLS-06	DX006SWLS90P	6	0.19	4.7	310	1400	100	450	2.8	7.1	1.9	4.7
370-119-DXWLS-12	DX012SWLS90P	12	0.24	6.2	400	1800	135	600	3.7	9.3	2.4	6.2

62.5/125 MULTIMODE - PLENUM - INDOOR/OUTDOOR

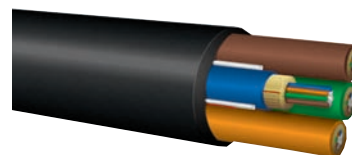
Maximum attenuation: 3.5/1.5 dB/km (850/1300 nm); minimum laser bandwidth: 220/500 MHz • km (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation		Long Term		Installation		Long Term	
370-119-DXWLS-24	DX024KWLS90P	24	0.31	7.8	670	3000	220	1000	4.6	11.8	4.6	11.8
370-119-DXWLS-48	DX048KWLS90P	48	0.37	9.5	940	4200	310	1400	5.6	14.3	5.6	14.3

## G-Series Sub-grouping Cables

### OPTICAL CABLE CORPORATION

G-Series Sub-grouping Cables are constructed with specified combinations of stranded, color-coded, 900 micron, buffered multimode and/or single-mode optical fibers surrounded by aramid-strength members and over-jacketed with either a riser or plenum UL Rated jacket. Special jackets for harsh environments can be used for the G-Series Sub-grouping Cables for indoor and outside plant environments.



### FEATURES

- Indoor/outdoor tight-bound tight-buffered design allows cables to be installed in intra-building backbone and inter-building campus locations without costly transitions between cable types
- Design allows sub-cables to be routed to multiple locations such as wiring racks and closets
- High-performance components and flexible, rugged, high-strength construction
- Cable materials are indoor/outdoor-, UV-, water- and fungus-resistant
- Helically stranded core for greater flexibility and mechanical protection of the optical fibers
- Core-Locked outer jacket surrounds the sub-cables for excellent crush resistance, survivability and use in long vertical installations
- Sub-grouping cable design permits midspan access
- Multi-fiber color-coded sub-cables, each similar to the D-Series Distribution Cable, are easy to identify for improved cable management during installation
- Interlocking armor can be applied to cables as an alternative to conduit installation
- 900  $\mu$ m buffer eliminates the need for costly and time-consuming installation of fan-out kits or pigtail splices because connectors terminate directly to the fiber
- May be directly terminated with connectors with physical protection at termination points
- No need to splice outdoor cable to indoor cable at the building entrance
- Available with 6-fiber (4.5 mm) or 12-fiber (5.5 mm) sub-groups
- Best design for multimode and single-mode fiber hybrid cables

#### MULTIMODE 62.5/125 RISER: 6-FIBER SUB-GROUPS (4.5 MM BUNDLES)

62.5/125 fiber; maximum attenuation: 3.5/1.5 dB/km (850/1310 nm); minimum laser bandwidth: 220/500 MHz•km (850/1310 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation (lb.)	N	Long Term (lb.)	N	Installation (in.)	(cm)	Long Term (in.)	(cm)
373-OCCOM1-F04.5-12	GB012DWLS9KR	12	0.56	14.2	850	3800	270	1200	8.4	21.4	5.6	14.1
373-OCCOM1-F04.5-24	GB024DWLS9KR	24	0.56	14.2	1260	5600	400	1800	8.4	21.4	5.6	14.1

#### MULTIMODE 62.5/125 RISER: 12-FIBER SUB-GROUPS (5.5 MM BUNDLES)

62.5/125 fiber; maximum attenuation: 3.5/1.5 dB/km (850/1310 nm); minimum laser bandwidth: 220/500 MHz•km (850/1310 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation (lb.)	N	Long Term (lb.)	N	Installation (in.)	(cm)	Long Term (in.)	(cm)
373-OCCOM1-F05.5-24	GX024DWLS9KR	24	0.65	16.6	1030	4600	340	1500	9.8	24.9	6.5	16.6
373-OCCOM1-F05.5-48	GX048DWLS9KR	48	0.65	16.6	1620	7200	540	2400	9.8	25	6.5	16.6

#### MULTIMODE 62.5/125 PLENUM: 6-FIBER SUB-GROUPS (4.5 MM BUNDLES)

62.5/125 fiber; maximum attenuation: 3.5/1.5 dB/km (850/1310 nm); minimum laser bandwidth: 220/500 MHz•km (850/1310 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation (lb.)	N	Long Term (lb.)	N	Installation (in.)	(cm)	Long Term (in.)	(cm)
370-OCCOM1-F04.5-12	GB012KWLS90P	12	0.56	14.1	850	3800	270	1200	8.3	21.0	8.3	21.1
370-OCCOM1-F04.5-24	GB024KWLS90P	24	0.56	14.1	1260	5600	400	1800	8.3	21.0	8.3	21.1

#### MULTIMODE 62.5/125 PLENUM: 12-FIBER SUB-GROUPS (5.5 MM BUNDLES)

62.5/125 fiber; maximum attenuation: 3.5/1.5 dB/km (850/1310 nm); minimum laser bandwidth: 220/500 MHz•km (850/1310 nm)

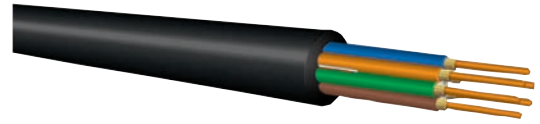
Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation (lb.)	N	Long Term (lb.)	N	Installation (in.)	(cm)	Long Term (in.)	(cm)
370-OCCOM1-F05.5-24	GX024KWLS90P	24	0.61	15.4	1030	4600	340	1500	9.1	23.3	9.1	23.1
370-OCCOM1-F05.5-48	GX048KWLS90P	48	0.61	15.4	1620	7200	540	2400	9.1	23.3	9.1	23.1

# Cables

## B-Series Breakout Cables

OPTICAL CABLE CORPORATION

B-Series Breakout Cables are constructed with stranded, color-coded, 900 micron, buffered optical fibers surrounded and over-jacketed with either a riser or plenum UL Rated jacket. Special jackets for harsh environments can be used for the B-Series Breakout Cables as well as other cable configurations including breakout, sub-grouping, messenger, armored, composite, hybrids and LSZH for indoor and outside plant environments.



**FEATURES**

- Ideal for installations requiring an extremely rugged and reliable cable design where maximum mechanical and environmental protection are necessary
- Easiest cable to install where direct termination of connectors to sub-cables and direct run to panels and equipment is desired
- High-performance components and construction
- Core-Locked outer jacket design for installation survivability, long-term, trouble free service
- Ideal for use in point-to-point runs in adverse environments
- Direct termination to sub-cable provides additional strain relief for better connector retention during moves, adds and changes
- Interlocking armor can be applied to cables as an alternative to conduit installation
- 900  $\mu$ m buffer eliminates the need for costly and time-consuming installation of fan-out kits or pigtail splices because connectors terminate directly to the fiber
- High crush resistance may eliminate the need for innderduct

MULTIMODE 62.5/125 RISER: (WITH 2.5 MM SUB-CABLES)

62.5/125 fiber; maximum attenuation: 3.5/1.5 dB/km (850/1310 nm); minimum laser bandwidth: 220/500 MHz•km (850/1310 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
373-OCC625-TB04	BX004DWLS9KR	4	0.32	8.1	450	2000	180	800	4.8	12.2	3.2	8.1
373-OCC625-TB06	BX006DWLS9KR	6	0.38	9.6	670	3000	270	1200	5.7	14.4	3.8	9.6
373-OCC625-TB12	BX012DWLS9KR	12	0.51	13.0	1350	6000	560	2500	7.7	19.4	5.1	13.0
373-OCC625-TB24	BX024DWLS9KR	24	0.69	17.6	2250	10000	850	3800	10.4	26.3	6.9	17.5

MULTIMODE 62.5/125 PLENUM: (WITH 2.0 MM SUB-CABLES)

62.5/125 fiber; maximum attenuation: 3.5/1.5 dB/km (850/1310 nm); minimum laser bandwidth: 220/500 MHz•km (850/1310 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-OCC625-TB04	BX004KWLS9OP	4	0.26	6.5	360	1600	90	400	3.9	9.8	3.8	9.6
370-OCC625-TB06	BX006KWLS9OP	6	0.29	7.4	540	2400	130	600	4.4	11.1	4.4	11.2
370-OCC625-TB12	BX012KWLS9OP	12	0.36	9.2	1080	4800	270	1200	5.50	13.97	5.5	13.9
370-OCC625-TB24	BX024KWLS9OP	24	0.56	14.2	1620	7200	400	1800	8.4	20.9	8.3	21.1



## Connectors and Adapters

## Field-installable Anaerobic Connectors

## ORTRONICS

## ANAEROBIC ADHESIVE CONNECTORS

Anixter No.	Vendor No.	Description
352777	205KAN9GA-MM	LC, multimode, buffer size ( $\mu\text{m}$ ) 900
352779	205KAN9GA-SM	LC, single-mode, buffer size ( $\mu\text{m}$ ) 900
352783	205KAN9FA-MM	SC, multimode, buffer size ( $\mu\text{m}$ ) 900
352785	205KAN9FA-SM	SC, single-mode, buffer size ( $\mu\text{m}$ ) 900
352787	205KAN9EA-MM	ST, multimode, buffer size ( $\mu\text{m}$ ) 900
352789	205KAN9EA-SM	ST, single-mode, buffer size ( $\mu\text{m}$ ) 900

## ANAEROBIC FIELD-INSTALLABLE CONNECTOR TERMINATION KIT

Anixter No.	Vendor No.	Description
352792	85400010	Contains all tools necessary for complete OptiMo LC, ST and SC anaerobic terminations: contractor bag, micro strip tool, scribe tool, jacket strip tool, scissors, cut length templates, polishing pad, polishing pucks, microscope

## ANAEROBIC FIELD-INSTALLABLE CONNECTOR MULTIMODE POLISHING KIT

Anixter No.	Vendor No.	Description
352793	85400012	Consumables necessary for complete OptiMo LC, ST and SC terminations: kim wipes, dispensing tips, syringe, type G polishing paper, type F polishing paper (terminates approx. 100 connectors)

## ANAEROBIC FIELD-INSTALLABLE CONNECTOR SINGLE-MODE POLISHING KIT

Anixter No.	Vendor No.	Description
352794	85400011	Consumables necessary for complete OptiMo LC, ST and SC terminations: dispensing tips, syringe, type G polishing paper, type F polishing paper, type M polishing paper (terminates approx. 100 connectors)

## INDIVIDUAL TOOLS AND ACCESSORY ITEMS (ANAEROBIC)

Anixter No.	Vendor No.	Description
353197	70600021	Adhesive
353198	70600022	Primer
353199	60300179	Package of 250 dry wipes
353200	60300182	Dispensing tips, package of 125
353201	60300183	Syringe, package of 10
353202	60300184	Type M polishing paper, package of 10 sheets, single-mode only
353203	60300185	Type F polishing paper, package of 10 sheets
353204	60300186	Type G polishing paper, package of 20 sheets

## FIELD-INSTALLABLE PRE-POLISHED CONNECTORS

Anixter No.	Vendor No.	Description
315562	205KAS9GA-50T	LC, field-installable, 50/125, 900 micron buffer
327219	205KAS9GA-09	LC, field-installable, single-mode, 900 micron buffer
329466	205KAS9GA-62	LC, field-installable, 62.5/125, 900 micron buffer
288343	205KAS9FA-50T	SC, field-installable, 50/125, 900 micron buffer
288341	205KAS9FA-09	SC, field-installable, single-mode, 900 micron buffer
315560	205KAS9FA-62	SC, field-installable, 62.5/125, 900 micron buffer
322727	205KAS9EA-50T	ST, field-installable, 50/125, 900 micron buffer
276848	205KAS9EA-62	ST, field-installable, 62.5/125, 900 micron buffer
375239	205KAS9EA-09	ST, field-installable, single-mode, 900 micron buffer

## FIELD-INSTALLABLE PRE-POLISHED LC ACCESSORY CONNECTOR KIT

Anixter No.	Vendor No.	Description
375252	20500267	LC accessory kit for 2.0 mm and 3.0 mm jacketed fiber. Kit includes two connector boots and crimp rings

## FIELD-INSTALLABLE PRE-POLISHED SC ACCESSORY CONNECTOR KIT

Anixter No.	Vendor No.	Description
375254	20500237	Optional strain relief boot accessory kit for use in installing SC connectors on 2.4 and 3.0 mm jacketed cables

## COMPLETE OPTIMO FIELD-INSTALLABLE PRE-POLISHED CONNECTOR KIT

Anixter No.	Vendor No.	Description
398711	854B00000-1	Complete OptiMo termination kit for installing ST, SC and LC type connectors

## PRECISION FIBER OPTIC CLEAVER



Anixter No.	Vendor No.	Description
375256	60300189	Precision fiber optic cleaver

## Connectors and Adapters

## Secure Keyed LC Fiber Solution

ORTRONICS



Ortronics Secure Keyed LC Fiber Solutions provide a simple and convenient way to prevent unauthorized connections by blocking access to specific optical ports, whether at a workstation, a telecommunications room, or a data center. This is particularly important for government, finance, military and other facilities where multiple networks having different security level access requirements may be collocated.

The Secure Keyed LC Fiber Solution includes pre-polished multimode connectors, Momentum multimode cassettes, fiber adapter panels, LC duplex to SC patch cords, LC pigtailed and TracJack workstation modules.

**FEATURES**

- Up to 12 unique keying options/colors for a wide range of network security systems
- Pre-polished and anaerobic field installable LC connectors
- Keyed LC fiber preterminated cassettes with up to four rear panel keyed MTP/MPO connector options
- Keyed workstation adapter modules for TracJack and Series II style wall plates and surface-mount boxes for complete system design flexibility
- Keyed LC adapters have the option to be keyed in the front only (user's side) or on both sides (user's and technician's) depending on the security requirements
- With Secure Keyed LC Fiber Solutions you can safely and securely co-locate multiple networks with varying security access levels as well as provide end-to-end cabling to protect sensitive data.
- It is with simple integration when using Wiremold Data-FenseM secure raceway products.

For more information on ordering, please contact your local sales representative.

## TracJack Modules

ORTRONICS

TracJack modules combine the ease and reliability of a front-loading individual jack with preferred 110 termination and offer universal T568A/B wiring.

Anixter No.	Vendor No.	Description
<b>275633</b>	63700039	1-LC (2 fibers) multimode, beige adapter, phosphor-bronze alignment sleeves, 180° exit, flush, one unit
<b>352671</b>	63700076	1-LC (2 fibers) multimode LOMMF, aqua adapter, ceramic alignment sleeve, 180° exit, flush, one unit
<b>278298</b>	63700068	1-LC (2 fibers) single-mode, blue adapter, ceramic alignment sleeve, 180° exit, flush, one unit
<b>267513</b>	63700017	1-SC simplex multimode, beige adapter, phosphor-bronze alignment sleeve, 180° exit, flush, one unit
<b>352673</b>	63700078	1-SC simplex multimode LOMMF, aqua adapter, ceramic alignment sleeve, 180° exit, flush, one unit
<b>352674</b>	63700018	1-SC simplex single-mode, blue adapter, ceramic alignment sleeve, 180° exit, flush, one unit
<b>375258</b>	63700050	1-LC (2 fibers) multimode, beige adapter, phosphor-bronze alignment sleeves, 45° angled exit, two units
<b>375259</b>	63700075	1-LC (2 fibers) multimode, aqua adapter, ceramic alignment sleeve, 180° exit, flush, one unit
<b>268132</b>	63700066	2-SC simplex multimode, beige adapter, phosphor-bronze alignment sleeve, 180° exit, flush, one unit
<b>375260</b>	63700080	1-LC (2 fibers) multimode, aqua adapter, ceramic alignment sleeve, 45° angled exit, two units
<b>375257</b>	63700081	2-SC simplex multimode, aqua adapter, ceramic alignment sleeve, 180° exit, flush, one unit
<b>375262</b>	63700082	1-SC simplex multimode, aqua adapter, ceramic alignment sleeve, 45° angled exit, two units

Also available in (-00) black, (-25) light green, (-42) red, (-43) orange, (-44) yellow, (-45) green, (-68) Wiremold light gray, (-78) Wiremold gray, (-88) Cloud white, (-99) Wiremold ivory.

## OptiMo Raised Floor Fiber Patch Panels

ORTRONICS



Ortronics' OptiMo raised floor patch panel allows data center managers and designers to take advantage of underutilized installation space beneath the raised floor structure, providing greater flexibility in structured cabling design and maximum usage of premium data center floor space.

Specifically designed to be installed in raised floor enclosures that are part of the cabling pathways, the OptiMo raised floor patch panels address the special bend radius and depth requirements of fiber optic cabling systems.

## FEATURES

- 19 in. wide, 1U or 2U models available
- Designed for installation within 2 ft. x 2 ft. underfloor box with angled mounting rails
- Removable/reusable labeling cards

## RAISED FLOOR FIBER PATCH PANELS

Anixter No.	Vendor No.	Description
312758	RFPA01U	45° mounting rail angle, one RU, three 1-unit openings, three Momentum 1-unit cassette capacity
312759	RFPA02U	45° mounting rail angle, two rack units, six 1-unit openings, six Momentum 1-unit cassette capacity, three Momentum 2-unit cassette capacity
377013	RFP01U	1 rack unit, holds three adapter panels, holds three Momentum cassettes, ST, SC, FC: 18 fibers, MT-RJ, LC: 36 fibers, high-density ST, SC: 36 fibers, LC quad: 72 fibers
398712	RFP02U	2 rack units, holds six adapter panels, holds six Momentum cassettes, ST, SC, FC: 36 fibers, MT-RJ, LC: 72 fibers, high-density ST, SC: 72 fibers, LC quad: 144 fibers

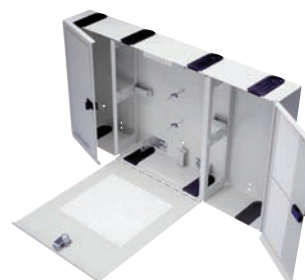
## ANGLED STAND-OFF BRACKET KIT

Kit used with raised floor enclosure with 56-degree to 60-degree mounting rails. These stand-off brackets may be needed to extend the mounting surface of the raised floor enclosure to accommodate the depth limitations of some 2 ft. x 2 ft. raised floor enclosures.

Anixter No.	Vendor No.	Description
312760	60400968	Includes left and right bracket

## ORMMAC Fiber Enclosures

ORTRONICS



Ortronics' 615 Series surface-mount fiber cabinets secure, protect and organize up to 384 single-mode or multimode optical terminations.

## FEATURES

- Adapter panels snap in for easy installation, removal and expansion
- Surface/wall mountable; is ideal for space-limited installations
- Top/bottom cable entry simplifies installations, moves, adds and changes

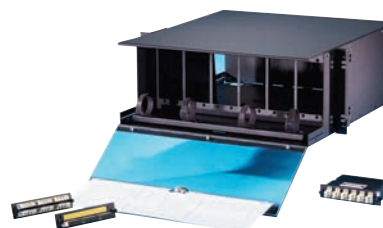
## WALL-MOUNT CABINETS (EMPTY)



Anixter No.	Vendor No.	Description
162099	615SMFC-12P	Empty. Add up to two adapter panels
162100	615SMFC-24P	Empty. Add up to four adapter panels
176013	615SMFC-48P	Empty. Add up to eight adapter panels
208641	615SMFC-96P	Empty. Add up to sixteen adapter panels

## "FC" Series Rack-mount Fiber Patch Panels

ORTRONICS



The Ortronics range of rack-mount fiber enclosures offers a comprehensive selection of products ideally suited to both large and small fiber installations. And now Ortronics' line of fiber cabinets and related hardware work perfectly with Mighty Mo 6 racks. So you need only one rack system for all your cabling needs.

Continued on next page &gt;&gt;

*(continued)* "FC" Series Rack-mount Fiber Patch Panels**FEATURES**

- Each cabinet offers complete flexibility in terms of cable entry and exit
- Access to terminations from front and rear
- Accommodates the unique needs of optical fiber bend radius limitation through enhanced patch cord management devices and novel internal fiber management components

## RACK-MOUNT PATCH FIBER CABINETS

Anixter No.	Vendor No.	Description
323605	FC01U-P	1U fiber patch cabinet, holds three adapter panels, front locking door, fiber tray slides forward and backward
323609	FC02U-P	2U fiber patch cabinet, holds six adapter panels, front locking door, fiber tray slides forward and backward
323610	FC03U-P	3U fiber patch cabinet, holds nine adapter panels, front locking door, fiber tray slides forward and backward
323611	FC04U-P	4U fiber patch cabinet, holds 12 adapter panels, front locking door, fiber tray slides forward and backward

## RACK-MOUNT PATCH AND SPLICE FIBER CABINETS

Anixter No.	Vendor No.	Description
329299	FC01U-C	1U fiber patch and splice cabinet, holds 12 splice trays and three adapter panels, front locking door
329300	FC02U-C	2U fiber patch and splice cabinet, holds 12 splice trays and six adapter panels, front locking door
329301	FC03U-C	3U fiber patch and splice cabinet, holds 12 splice trays and nine adapter panels, front locking door
329302	FC04U-C	4U fiber patch and splice cabinet, holds 12 splice trays and 12 adapter panels, front locking door

## RACK-MOUNT FIBER CABINET ACCESSORY SPLICE TRAY FOR FUSION SPLICES



Anixter No.	Vendor No.	Description
375264	FST2-F012	Transparent stackable design with hinged cover and Mylar insert

NOTE: Splice trays sold separately.

## Fiber Adapter Panels

ORTRONICS



The Ortronics OptiMo OFP Series six-pack adapter panels are used with the popular FC Series and "615" Series modular fiber cabinets, and surface-mount cabinets which offer great flexibility in structured cabling design. Adapter panels are available with LC, SC, ST, FC and MT-RJ adapters and feature options ideal for both single-mode and multimode applications.

Where applicable, the adapters used (LC, SC, ST and FC) contain application-specific alignment sleeves to ensure optimal performance in conjunction with the economic constraints of network design. For multimode applications, phosphor-bronze (metal) alignment sleeves are utilized, while single-mode and laser optimized 50/125 devices contain ceramic alignment sleeves ensuring dependable transmission in demanding applications.

**FEATURES**

- Standard adapter panel is front removable - ideal for simple moves, adds, and changes
- Plunger/grommet fastener holds adapter panels securely in place

## ADAPTER PANELS - MULTIMODE

Anixter No.	Vendor No.	Description
323646	OFP-LCD12MB	12-fiber panel, six LC duplex multimode, beige adapters, phos. bronze alignment sleeves
323647	OFP-LCQ24MB	24-fiber panel, six LC quad multimode, beige adapters, phos. bronze alignment sleeves
323641	OFP-STS06NB	6-fiber panel, six ST simplex multimode, beige adapters, phos. bronze alignment sleeves
352514	OFP-LCD12LC	12-fiber panel, six LC duplex multimode, aqua adapters, ceramic alignment sleeves
353188	OFP-LCQ24LC	24-fiber panel, six LC quad multimode, aqua adapters, ceramic alignment sleeves
353189	OFP-STD12LC	12-fiber panel, six ST duplex multimode, aqua adapters, ceramic alignment sleeves
353190	OFP-SCD06LC	6-fiber panel, three SC duplex multimode, aqua adapters, ceramic alignment sleeves
353191	OFP-SCD12LC	12-fiber panel, six SC duplex multimode, aqua adapters, ceramic alignment sleeves

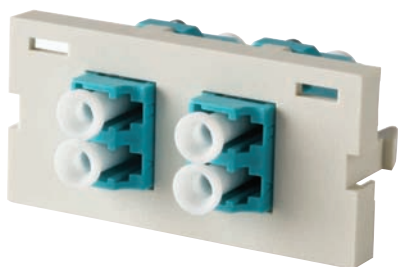
Anixter No.	Vendor No.	Description
323642	OFP-STD12MB	12-fiber panel, six ST duplex multimode, beige adapters, phos. bronze alignment sleeves
323637	OFP-SCD06MB	6-fiber panel, three SC duplex multimode, beige adapters, phos. bronze alignment sleeves
323638	OFP-SCD12MB	12-fiber panel, six SC duplex multimode, beige adapters, phos. bronze alignment sleeves
375398	OFP-MPA72MA	6-MPO (72 fibers) multimode, beige, feed-through adapters, Type A
375399	OFP-MPA72LA	6-MPO (72 fibers) multimode, aqua, feed-through adapters, Type A
398714	OFP-MPA96MA	8-MPO (96 fibers) multimode, beige, feed-through adapters, Type A
398715	OFP-MPA96LA	8-MPO (96 fibers) multimode, aqua, feed-through adapters, Type A

## ADAPTER PANELS - SINGLE-MODE

Anixter No.	Vendor No.	Description
329306	OFP-LCD12AC	24-fiber panel, six LC quad single-mode, blue adapters, ceramic alignment sleeves
323639	OFP-SCD06AC	6-fiber panel, three SC duplex single-mode, blue adapters, ceramic alignment sleeves
323640	OFP-SCD12AC	12-fiber panel, six SC duplex single-mode, blue adapters, ceramic alignment sleeves
323612	OFP-BLANK	Blank panel, black
375400	OFP-MPA72CA	6-MPO (72 fibers) single-mode, green, feed-through adapters, Type A
398716	OFP-MPA96CA	8-MPO (96 fibers) single-mode, green, feed-through adapters, Type A

## Series II Fiber Modules

## ORTRONICS



Front-removable multimode modules.

Anixter No.	Vendor No.	Description
304926	60900324	Two ST phosphor bronze sleeve, 180° exit, one unit, multimode
332059	60900329	Two LC (4 fibers) multimode, beige adapters, phosphor-bronze alignment sleeves, 180° exit, flush, one unit
312728	60900335	Two ST phosphor bronze sleeve, 45° exit, two units, multimode
312723	60900343	One duplex SC phosphor bronze sleeve, 180° exit, one unit, multimode, beige

Anixter No.	Vendor No.	Description
173628	60900086	Innie, four ST phosphor bronze sleeve, 55° exit, three units, multimode
375440	60900365	Two LC (4 fibers), multimode, aqua adapters, ceramic alignment sleeves, 180° exit, flush, one unit
375441	60900366	One LC duplex, multimode, aqua adapters, ceramic alignment sleeves, 45° angled exit, two units
375442	60900367	Two LC (4 fibers), multimode, aqua adapters, ceramic alignment sleeves, 45° angled exit, two units
375443	60900368	Two SC simplex, multimode, aqua adapters, ceramic alignment sleeves, 180° exit, flush, one unit
375444	60900369	Two SC simplex, multimode, aqua adapters, ceramic alignment sleeves, 45° angled exit, two units
375445	60900370	One SC duplex, multimode, aqua adapters, ceramic alignment sleeves, 180° exit, flush, one unit
375446	60900371	One SC duplex, multimode, aqua adapters, ceramic alignment sleeves, innie, 60° angled exit, one and half units

## Momentum 2 Modular Preterminated System

## ORTRONICS

Momentum 2 is the next generation of the popular Momentum modular, preterminated fiber optic cabling system. Momentum 2 combines state-of-the-art optical ribbon cabling, industry-leading MTP termination, advanced LC polishing and innovative hardware to create a cost-effective solution that provides a simple, quick, and high-performing, cassette-based fiber optic structured cabling system.

## MOMENTUM 2 CASSETTES



Anixter No.	Vendor No.	Description
352797	M2SCD12-50E	SC duplex 12-fiber, 50/125 LOMMF*, 1 rack unit
352799	M2LCQ24-09	LC quad 24-fiber, single-mode
352800	M2LCD12-09	LC quad 12-fiber, single-mode
352801	M2SCD12-09	SC duplex 12-fiber, single-mode
339377	M2LCQ24-50E	LC quad 24-fiber, 50/125 LOMMF, single unit
339378	M2LCD12-50E	LC duplex 12-fiber, 50/125 LOMMF, single unit

\*Effective mode bandwidth: 4,900/500 (MHz • km) at 850/1300 nm

## Hardware

## Momentum 3 Premium Modular Preterminated System

ORTRONICS



Momentum 3 modular fiber optic preterminated cassettes provide the same rapid deployment capability as our Momentum 2 products. The rugged metal housing offers additional durability with an integral bend limiting spool feature inside to assure optimum optical performance. The Momentum 3 modular preterminated system is available in both high-performance and premium performance grades for 50 micron LOMMF product only. In addition the Momentum 3 cassettes have an option for front panel adapter shutter for dust protection and eye safety.



Anixter No.	Vendor No.	Description
375467	M3LCQ24-50E	LC quad 24-fiber, 50/125 LOMMF, two MTP (M) single unit
375468	M3LCD12-50E	LC duplex 12-fiber, 50/125 LOMMF, one MTP (M) single unit
375469	M3LSD12-50E	LC duplex with shutters 12-fiber, 50/125 LOMMF, one MTP (M) single unit
375471	M3SCD12-50E	SC duplex 12-fiber, 50/125 LOMMF, one MTP (M) single unit
375473	M3LCQ24-09	LC quad, single-mode, 24-fiber, two MTP (M) single unit
375475	M3LCD12-09	LC duplex, single-mode, 12-fiber, one MTP (M) single unit
375476	M3LSD12-09	LC duplex with shutters, single-mode, 12-fiber, one MTP (M), single unit
375477	M3SCD12-09	SC duplex, single-mode, 12-fiber, one MTP (M) single unit

## Fib-or-Cop II Multimedia Outlet

ORTRONICS



The Fib-or-Cop II Multimedia Outlet provides greater capacity addressing the need for fiber in the horizontal cabling system. It has the ability to mount six TracJacks or

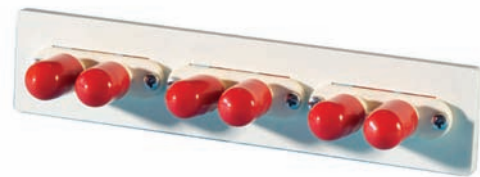
three Series II modules from the face, with a choice of fiber (ST, SC, MT-RJ or LC) and/or copper (TracJack) exiting from the bottom. The design allows the cover to be removed without disrupting the copper connections. The wide variety of connectors located in the bottom positions can be further protected by an optional snap-on shroud into three slots at the bottom of the Fib-or-Cop workstation outlet. A total of three duplex ST, SC or MT-RJ interfaces (six fibers) can be used in each Fib-or-Cop base plate. The design routes and supports 1 m of fiber cable as defined by TIA/EIA-568-A standards.

## OUTLET



Anixter No.	Vendor No.	Description
249031	62100041	Fib-or-Cop II base and cover accepts six TracJacks out front
249032	62100040	Fib-or-Cop II base and cover accepts three 1-unit modules. Series II out front

## LOADED BOTTOM ADAPTER PLATES

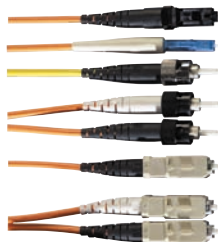


Anixter No.	Vendor No.	Description
312731	62100044	Duplex, three ST six fibers, multimode, beige adapter, phosphor bronze sleeve
312732	62100045	Three ST duplex, six fibers, single-mode, blue adapters, ceramic sleeves
312733	62100046	Six SC simplex, six fibers, multimode, beige adapters, phosphor bronze sleeves
312735	62100047	Adapter for four TracJack modules
312737	62100048	Three SC duplex, six fibers, multimode, beige adapters, phosphor bronze sleeves
312739	62100049	Three SC duplex, six fibers, single-mode, blue adapters, ceramic sleeves
312741	62100050	Six LC, 12 fibers, multimode, beige adapters, phosphor bronze sleeves
312743	62100051	Six LC, 12 fibers, single-mode, blue adapters, ceramic sleeves
249052	62100038	Protective bottom shrouds, package of five

## Patch Cords

## Fiber Optic Cable Assemblies

ORTRONICS



OPTIMO LOMMF (50/125) PC/OFNR, 2 MM ZIP CORD DUPLEX, ST TO ST

Anixter No.	Vendor No.	Description
398726	P1DF2LR-EZEZ001M	1 meter
398727	P1DF2LR-EZEZ002M	2 meter
398728	P1DF2LR-EZEZ003M	3 meter

SC-SC CERAMIC DUPLEX 50/125 FOR 10 GIGABIT ETHERNET (OPTIMO 10G), 2 MM ZIP CORD

Anixter No.	Vendor No.	Description
398729	OR-P1DF2LRFZ001M	1 meter
398730	OR-P1DF2LRFZ002M	2 meter
398733	OR-P1DF2LRFZ003M	3 meter

LC-LC CERAMIC DUPLEX 50/125 FOR 10 GIGABIT ETHERNET (OPTIMO 10G), 2 MM ZIP CORD

Anixter No.	Vendor No.	Description
398734	OR-P1DF2LRGZ001M	1 meter
398736	OR-P1DF2LRGZ002M	2 meter
398737	OR-P1DF2LRGZ003M	3 meter

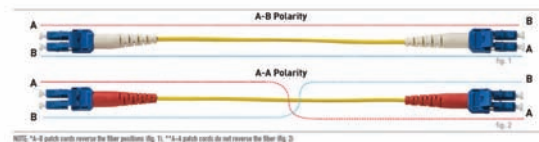
PREMIUM PERFORMANCE LC-LC DUPLEX LOMMF (50/125), PC/OFNR, 2 MM ZIP CORD

Anixter No.	Vendor No.	Description
375504	P3DF2LRGZ001M	1 meter
375505	P3DF2LRGZ002M	2 meter
375506	P3DF2LRGZ003M	3 meter

Note: Other lengths, cable and connector types also available.

## SpaceSaver Fiber Optic Cable Assemblies

ORTRONICS



The SpaceSaver line of duplex fiber optic patch cords feature a single 2.4 mm round jacketed cable. These patch cords are available with duplex LC connectors at each end in either A-B or A-A types per the TIA 568 standard. These patch cords are ideal for high-density installations common in data centers and SANs optimizing the available vertical and horizontal cable routing spaces.

OPTIMO LASER OPTIMIZED (50/125) PC/OFNR (A-B)

Anixter No.	Vendor No.	Description
375510	P1DF6LPAZAZ001M	1 meter
375513	P1DF6LPAZAZ002M	2 meter
375514	P1DF6LPAZAZ003M	3 meter

OPTIMO LASER OPTIMIZED (50/125) PC/OFNR (A-A)

Anixter No.	Vendor No.	Description
375515	P1RF6LPAZAZ001M	1 meter
375516	P1RF6LPAZAZ002M	2 meter
375517	P1RF6LPAZAZ003M	3 meter

OPTIMO SINGLE-MODE UPC/OFNR (A-B)

Anixter No.	Vendor No.	Description
375518	P1DC6IPUZUZ001M	1 meter
375520	P1DC6IPUZUZ002M	2 meter
375521	P1DC6IPUZUZ003M	3 meter

OPTIMO SINGLE-MODE UPC/OFNR (A-A)

Anixter No.	Vendor No.	Description
375522	P1RC6IPUZUZ001M	1 meter
375523	P1RC6IPUZUZ002M	2 meter
375524	P1RC6IPUZUZ003M	3 meter

OPTIMO PERFORMANCE LASER OPTIMIZED (50/125) PC/OFNR (A-B)

Anixter No.	Vendor No.	Description
375526	P3DF6LPAZAZ001M	1 meter
375527	P3DF6LPAZAZ002M	2 meter
375528	P3DF6LPAZAZ003M	3 meter

OPTIMO PERFORMANCE LASER OPTIMIZED (50/125) PC/OFNR (A-A)

Anixter No.	Vendor No.	Description
375529	P3RC6IPUZUZ001M	1 meter
375530	P3RC6IPUZUZ002M	2 meter
375531	P3RC6IPUZUZ003M	3 meter

Note: Other lengths, cable and connector types also available.

## Patch Cords

## Connector Pigtails

## ORTRONICS

## SINGLE CONNECTOR PIGTAILS

OptiMo laser optimized (50/125) PC/OFNR one connector pigtail, SC-PC

Anixter No.	Vendor No.	Description
352681	P1PF9FRZFFZ002M	2 meter

One connector pigtail, LC-PC

Anixter No.	Vendor No.	Description
352682	P1PF9FRGZZ001M	1 meter
352683	P1PF9FRGZZ002M	2 meter

PREMIUM PERFORMANCE ONE CONNECTOR PIGTAIL, SPLX, LC, 10G 50/125

Anixter No.	Vendor No.	Description
375552	P3PF9FRGZZ001M	1 meter
375553	P3PF9FRGZZ002M	2 meter

OPTIMO SINGLE-MODE UPC/OFNR ONE CONNECTOR PIGTAIL, SC-UPC

Anixter No.	Vendor No.	Description
352684	P1PC9FRRZZ001M	1 meter
352685	P1PC9FRRZZ002M	2 meter

ONE CONNECTOR PIGTAIL, LC-UPC

Anixter No.	Vendor No.	Description
352686	P1PC9FRSZZ001M	1 meter

## SIX CONNECTOR PIGTAILS

OptiMo laser optimized (50/125) PC/OFNR six connector pigtail, SC-PC

Anixter No.	Vendor No.	Description
352691	P1SF4ZRFZZ002M	2 meter

Six connector pigtail, LC-PC

Anixter No.	Vendor No.	Description
352692	P1SF4ZRGZZ001M	1 meter
352693	P1SF4ZRGZZ002M	2 meter

PREMIUM PERFORMANCE SIX CONNECTOR PIGTAIL, SIX FIBER, LC, 10G 50/125

Anixter No.	Vendor No.	Description
375554	P3SF9FRGZZ001M	1 meter
375555	P3SF9FRGZZ002M	2 meter

OptiMo single-mode UPC/OFNR six connector pigtail, SC-UPC

Anixter No.	Vendor No.	Description
352695	P1SC4ZRRZZ001M	1 meter
352696	P1SC4ZRRZZ002M	2 meter

Six connector pigtail, LC-UPC

Anixter No.	Vendor No.	Description
398785	P1SC4ZRSZZ001M	1 meter
352698	P1SC4ZRSZZ002M	2 meter

## 12 CONNECTOR PIGTAILS

OptiMo laser optimized (50/125) PC/OFNR 12 connector pigtail, SC-PC

Anixter No.	Vendor No.	Description
352700	P1TF4ZRFZZ001M	1 meter
352701	P1TF4ZRFZZ002M	2 meter

12 connector pigtail, LC-PC

Anixter No.	Vendor No.	Description
398787	P1TF4ZRGZZ001M	1 meter

PREMIUM PERFORMANCE 12 CONNECTOR PIGTAIL, 12 FIBER, LC, 10G 50/125

Anixter No.	Vendor No.	Description
375556	P3TF9ZRGZZ001M	1 meter
375557	P3TF9ZRGZZ002M	2 meter

OptiMo single-mode UPC/OFNR 12 connector pigtail, SC-PC

Anixter No.	Vendor No.	Description
352705	P1TC4ZRRZZ001M	1 meter
352706	P1TC4ZRRZZ002M	2 meter

12 connector pigtail, LC-UPC

Anixter No.	Vendor No.	Description
352707	P1TC4ZRSZZ001M	1 meter

Note: Other lengths, cable and connector types also available.

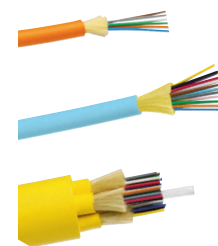


OPTI-CORE Fiber Optic Distribution Cable

PANDUIT

FEATURES

- Available in 6-, 12- and 24-fiber counts, and in 36-, 48-, 72-, 96- and 144-fiber counts in a "subunit" design
- Single-mode (OS1/OS2) and multimode (OM1, OM2, 10GIG OM3 and OM4 laser-optimized) fiber available
- Sheath markings provide positive identification, quality traceability and length verification
- Lightweight and easy to handle during installation
- 900  $\mu$ m buffer coating protects fibers during handling and allows for ease of stripping
- Cable design and flexible buffer tubes allow for quick breakout and ease of routing
- Buffered fibers and subunits are TIA color-coded for easy identification
- All-dielectric cable construction requires no grounding or bonding
- OPTI-CORE 10GIG Cable is designed to support network transmission speeds up to 10 Gb/s for link lengths up to 300 meters for OM3, and up to 550 meters for OM4 with an 850 nm source per IEEE 802.3ae 10GbE Standard
- OPTI-CORE 10GIG Cable is backward-compatible for use with all 50/125  $\mu$ m system requirements
- Also available with interlocking aluminum armor



APPLICATIONS

Used in intrabuilding backbone, building backbone and horizontal installations for riser (OFNR), plenum (OFNP) and general-purpose environments

RISER (OFNR) 62.5/125 OM1 MULTIMODE

Maximum attenuation: 3.5/1.5 dB/km at 850/1300 nm

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation		Long Term		Installation		Long Term	
371-PAN625-TBD-06	FSDR606Y	6	0.189	4.8	150	660	37	165	3.78	9.6	1.9	4.8
371-PAN625-TBD-12	FSDR612Y	12	0.244	6.2	150	660	37	165	4.88	12.4	1.9	6.2
371-PAN625-TBD-24	FSDR624Y	24	0.571	14.5	300	1300	74	330	11.41	27.7	3.4	14.5

PLENUM (OFNP) 62.5/125 OM1 MULTIMODE

Maximum attenuation: 3.5/1.5 dB/km at 850/1300 nm

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation		Long Term		Installation		Long Term	
370-PAN625-TBD-06	FSDP606Y	6	0.189	4.8	100	440	24	100	3.78	9.6	1.9	4.8
370-PAN625-TBD-12	FSDP612Y	12	0.244	6.2	100	440	24	100	4.88	12.4	1.9	6.2
370-PAN625-TBD-24	FSDP624Y	24	0.508	12.9	150	660	37	165	10.16	25.8	3.4	12.9

RISER (OFNR) 50/125 OM2 MULTIMODE

Maximum attenuation: 3.5/1.5 dB/km at 850/1300 nm

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation		Long Term		Installation		Long Term	
371-PAN50-TBD-06	FSDR506Y	6	0.189	4.8	150	660	37	165	3.78	9.6	1.9	4.8
371-PAN50-TBD-12	FSDR512Y	12	0.244	6.2	150	660	37	165	4.88	12.4	1.9	6.2
371-PAN50-TBD-24	FSDR524Y	24	0.571	14.5	300	1300	74	330	11.41	27.7	3.4	14.5

PLENUM (OFNP) 50/125 OM2 MULTIMODE

Maximum attenuation: 3.5/1.5 dB/km at 850/1300 nm

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation		Long Term		Installation		Long Term	
370-PAN50-TBD-06	FSDP506Y	6	0.189	4.8	100	440	24	100	3.78	9.6	1.9	4.8
370-PAN50-TBD-12	FSDP512Y	12	0.244	6.2	100	440	24	100	4.88	12.4	1.9	6.2
370-PAN50-TBD-24	FSDP524Y	24	0.508	12.9	150	660	37	165	10.16	25.8	3.4	12.9

Continued on next page >>

# Cables

*(continued)* OPTI-CORE Fiber Optic Distribution Cable

RISER (OFNR) 50/125 OM3 MULTIMODE  
Maximum attenuation: 3.5/1.5 dB/km at 850/1300 nm

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation		Long Term		Installation		Long Term	
371-PAN300-TBD-06	FODRX06Y	6	0.189	4.8	150	660	37	165	3.78	9.6	1.9	4.8
371-PAN300-TBD-12	FODRX12Y	12	0.244	6.2	150	660	37	165	4.88	12.4	1.9	6.2
371-PAN300-TBD-24	FODRX24Y	24	0.571	14.5	300	1300	74	330	11.41	27.7	3.4	14.5

PLENUM (OFNP) 50/125 OM3 MULTIMODE  
Maximum attenuation: 3.5/1.5 dB/km at 850/1300 nm

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation		Long Term		Installation		Long Term	
370-PAN300-TBD-06	FODPX06Y	6	0.189	4.8	100	440	24	100	3.78	9.6	1.9	4.8
370-PAN300-TBD-12	FODPX12Y	12	0.244	6.2	100	440	24	100	4.88	12.4	1.9	6.2
370-PAN300-TBD-24	FODPX24Y	24	0.508	12.9	150	660	37	165	10.16	25.8	3.4	12.9

RISER (OFNR) 50/125 OM4 MULTIMODE  
Maximum attenuation: 3.5/1.5 dB/km at 850/1300 nm

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation		Long Term		Installation		Long Term	
371-PANOM4-TBD-06	FODRZ06Y	6	0.189	4.8	150	660	37	165	3.78	9.6	1.9	4.8
371-PANOM4-TBD-12	FODRZ12Y	12	0.244	6.2	150	660	37	165	4.88	12.4	1.9	6.2
371-PANOM4-TBD-24	FODRZ24Y	24	0.571	14.5	300	1300	74	330	11.41	27.7	3.4	14.5

PLENUM (OFNP) 50/125 OM4 MULTIMODE  
Maximum attenuation: 3.5/1.5 dB/km at 850/1300 nm

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation		Long Term		Installation		Long Term	
370-PANOM4-TBD-06	FODPZ06Y	6	0.189	4.8	100	440	24	100	3.78	9.6	1.9	4.8
370-PANOM4-TBD-12	FODPZ12Y	12	0.244	6.2	100	440	24	100	4.88	12.4	1.9	6.2
370-PANOM4-TBD-24	FODPZ24Y	24	0.508	12.9	150	660	37	165	10.16	25.8	3.4	12.9

RISER (OFNR) OS1 SINGLE-MODE  
Maximum attenuation: 0.7/ 0.7 dB/km at 1310/1550 nm

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation		Long Term		Installation		Long Term	
371-PAN9-TBD-06	FSDR906Y	6	0.189	4.8	150	660	37	165	3.78	9.6	1.9	4.8
371-PAN9-TBD-12	FSDR912Y	12	0.244	6.2	150	660	37	165	4.88	12.4	1.9	6.2
371-PAN9-TBD-24	FSDR924Y	24	0.571	14.5	300	1300	74	330	11.41	27.7	3.4	14.5

PLENUM (OFNP) OS1 SINGLE-MODE  
Maximum attenuation: 0.7/ 0.7 dB/km at 1310/1550 nm

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation		Long Term		Installation		Long Term	
370-PAN9-TBD-06	FSDP906Y	6	0.189	4.8	100	440	24	100	3.78	9.6	1.9	4.8
370-PAN9-TBD-12	FSDP912Y	12	0.244	6.2	100	440	24	100	4.88	12.4	1.9	6.2
370-PAN9-TBD-24	FSDP924Y	24	0.508	12.9	150	660	37	165	10.16	25.8	3.4	12.9

## OPTI-CORE Gel-free Fiber Optic Indoor/Outdoor All-dielectric Cable

PANDUIT

### FEATURES

- Eliminates the need for building entrance transition point
- Dry water-blocking technology allows rapid cable preparation and termination for lower termination costs and time (no messy gel required)
- Available in 6- and 12-fiber counts in "central tube" design, and in 24-, 36-, 48-, 72-, 96- and 144-fiber counts in a "stranded tube" design
- Single-mode (OS1/OS2) and multimode (OM1, OM2, 10GIG OM3 and OM4 laser-optimized) fiber available
- Sheath markings provide positive identification, quality traceability and length verification
- Lightweight and easy to handle during installation
- All-dielectric cable construction requires no grounding or bonding
- 250  $\mu$ m buffer coating protects fibers during handling and allows for ease of stripping
- OPTI-CORE 10GIG cable is designed to support network transmission speeds up to 10 Gb/s for link lengths up to 300 meters for OM3 and up to 550 meters for OM4 with an 850 nm source per IEEE 802.3ae 10GbE Standard; backward compatible for use with all 50/125  $\mu$ m system requirements
- Also available with interlocking aluminum armor



### APPLICATIONS

Used within buildings and outdoor environments; for transitional aerial and duct applications and entrance facilities

#### RISER (OFNR) 50/125 OM2 MULTIMODE

Maximum attenuation: 3.5/1.5 dB/km (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation		Long Term		Installation		Long Term	
<b>373-PAN50-LTRD-6</b>	FSCR506Y	6	0.34	8.5	300	1335	90	400	5.1	13.0	3.4	8.5
<b>373-PAN50-LTRD-12</b>	FSCR512Y	12	0.34	8.5	300	1335	90	400	5.1	13.0	3.4	8.5
<b>373-PAN50-LTRD-24</b>	FSNR524Y	24	0.49	12.55	600	2700	200	890	7.35	18.71	4.9	12.5

#### PLENUM (OFNP) 50/125 OM2 MULTIMODE

Maximum attenuation: 3.5/1.5 dB/km (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation		Long Term		Installation		Long Term	
<b>373-PAN50-LTPD-6</b>	FSCP506Y	6	0.26	6.6	300	1335	90	400	3.9	9.9	2.6	6.6
<b>373-PAN50-LTPD-12</b>	FSCP512Y	12	0.26	6.6	300	1335	90	400	3.9	9.9	2.6	6.6
<b>373-PAN50-LTPD-24</b>	FSNP524Y	24	0.46	11.7	600	2700	200	890	6.9	17.5	4.6	11.7

#### RISER (OFNR) 50/125 OM3 MULTIMODE

Maximum attenuation: 3.5/1.5 dB/km (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation		Long Term		Installation		Long Term	
<b>373-PANOM3-LTRD-06</b>	FOCRX06Y	6	0.34	8.5	300	1335	90	400	5.1	13.0	3.4	8.5
<b>373-PANOM3-LTRD-12</b>	FOCRX12Y	12	0.34	8.5	300	1335	90	400	5.1	13.0	3.4	8.5
<b>373-PANOM3-LTRD-24</b>	FOCRX24Y	24	0.49	12.55	600	2700	200	890	7.35	18.71	4.9	12.5

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# Cables

(continued) OPTI-CORE Gel-free Fiber Optic Indoor/Outdoor All-dielectric Cable

PLENUM (OFNP) 50/125 OM3 MULTIMODE  
Maximum attenuation: 3.5/1.5 dB/km (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
373-PANOM3-LTPD-06	FOCPX06Y	6	0.26	6.6	300	1335	90	400	3.9	9.9	2.6	6.6
373-PANOM3-LTPD-12	FOCPX12Y	12	0.26	6.6	300	1335	90	400	3.9	9.9	2.6	6.6
373-PANOM3-LTPD-24	FOCPX24Y	24	0.46	11.7	600	2700	200	890	6.9	17.5	4.6	11.7

RISER (OFNR) 50/125 OM4 MULTIMODE  
Maximum attenuation: 3.5/1.5 dB/km (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
373-PANOM4-LTRD-06	FOCRZ06Y	6	0.34	8.5	300	1335	90	400	5.1	13.0	3.4	8.5
373-PANOM4-LTRD-12	FOCRZ12Y	12	0.34	8.5	300	1335	90	400	5.1	13.0	3.4	8.5

PLENUM (OFNP) 50/125 OM4 MULTIMODE  
Maximum attenuation: 3.5/1.5 dB/km (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
373-PANOM4-LTPD-06	FOCPZ06Y	6	0.26	6.6	300	1335	90	400	3.9	9.9	2.6	6.6
373-PANOM4-LTPD-12	FOCPZ12Y	12	0.26	6.6	300	1335	90	400	3.9	9.9	2.6	6.6

# Connectors and Adapters

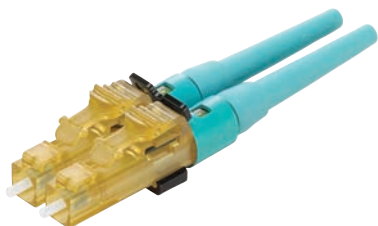
## OPTICAM Fiber Optic Connectors - Pre-polished Cam Termination

PANDUIT

### FEATURES

- Exceeds TIA/EIA-568-B.3 requirements
- Quick installation, provide field termination in less than half the time of field polish connectors
- Patent pending retermination capability provides yield rates approaching 100 percent
- Factory pre-polished fiber endface eliminates time-consuming field polishing to reduce installation costs, labor, scrap and the number of tools required
- Cam-activated fiber and buffer clamp mechanisms provide superior fiber and buffer retention - less sensitivity to fiber tensile loading
- No separate clamps, tools or steps are required to secure both the fiber and the buffer
- OPTICAM Termination Tool simplifies tooling and termination, and virtually eliminates operator error by providing visual indication of proper termination after the cam step has been completed
- Cable retention boot assemblies consistently provide higher-than-industry-standard cable retention
- Non-optical disconnect maintains data transmission under tensile loads for jacketed cable
- Fiber cable size: 900  $\mu\text{m}$  tight-buffered fiber with included boot(s); 1.6 mm to 2.0 mm and 3.0 mm jacketed cable with available OPTICAM 1.6 mm/2.0 mm and 3.0 mm boot(s) – 10 per package
- Ferrule type: 2.5 mm zirconia ceramic or composite to meet a variety of application requirements
- Simplex connectors are also available in 100 count bulk packages

### LC OPTICAM FIBER OPTIC CONNECTORS



Anixter No.	Vendor No.	Description
313201	FLCSMCXAQY	10 Gig 50/125 $\mu\text{m}$ OM3/OM4 multimode, simplex, aqua
313204	FLCDMCXAQY	10 Gig 50/125 $\mu\text{m}$ OM3/OM4 multimode, duplex, aqua
313205	FLCSMC5BLY	50/125 $\mu\text{m}$ multimode, simplex, black
313206	FLCDMC5BLY	50/125 $\mu\text{m}$ multimode, duplex, black
372623	FLCSMC6EYI	62.5/125 $\mu\text{m}$ multimode, simplex, electric ivory
372624	FLCDMC6EYI	62.5/125 $\mu\text{m}$ multimode, duplex, electric ivory
313209	FLCSSCBUY	Single-mode, simplex, blue

### SC OPTICAM FIBER OPTIC CONNECTORS



Anixter No.	Vendor No.	Description
313211	FSCMCXAQ	10 Gig 50/125 $\mu\text{m}$ OM3/OM4 multimode, simplex, aqua
313212	FSCDMCXAQ	10 Gig 50/125 $\mu\text{m}$ OM3/OM4 multimode, duplex, aqua
313213	FSCMC5BL	50/125 $\mu\text{m}$ multimode, simplex, black
360152	FSCMPC5BL	50/125 $\mu\text{m}$ multimode, simplex, black
313214	FSCDMC5BL	50/125 $\mu\text{m}$ multimode, duplex, black
372625	FSCMC6EI	62.5/125 $\mu\text{m}$ multimode, simplex, electric ivory
372626	FSCDMC6EI	62.5/125 $\mu\text{m}$ multimode, duplex, electric ivory
313218	FSCSCBU	Single-mode, simplex, blue

### ST OPTICAM FIBER OPTIC CONNECTORS



Anixter No.	Vendor No.	Description
330518	FSTMCAQ	10 Gig 50/125 $\mu\text{m}$ OM3/OM4 multimode, simplex, aqua
330519	FSTMC5BL	50/125 $\mu\text{m}$ multimode, simplex, black
330520	FSTMPC5BL	50/125 $\mu\text{m}$ multimode, simplex, black
372627	FSTMC6EI	62.5/125 $\mu\text{m}$ multimode, simplex, electric ivory
372628	FSTMPC6EI	62.5/125 $\mu\text{m}$ multimode, simplex, electric ivory
330523	FSTSCBU	Single-mode, simplex, blue

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# Connectors and Adapters

(continued) OPTICAM Fiber Optic Connectors - Pre-polished Cam Termination

OPTICAM CABLE RETENTION BOOTS

Anixter No.	Vendor No.	Description
330510	FMCBT2AQ-X	10 Gig 1.6/2.0 millimeter cable retention boot (10 pk), aqua
330511	FMCBT2BL-X	Multimode 1.6/2.0 millimeter cable retention boot (10 pk), black
372629	FMCBT2EI-X	Multimode 1.6/2.0 millimeter cable retention boot (10 pk), electric ivory
330512	FSCBT2BU-X	Single-mode 1.6/2.0 millimeter cable retention boot (10 pk), blue
330513	FMCBT3AQ-X	10 Gig 3.0 millimeter cable retention boot (10 pk), aqua
329249	FMCBT3BL-X	Multimode 3.0 millimeter cable retention boot (10 pk), black
372633	FMCBT3EI-X	Multimode 3.0 millimeter cable retention boot (10 pk), electric ivory
330514	FSCBT3BU-X	Single-mode 3.0 millimeter cable retention boot (10 pk), blue

FJ OPTI-CRIMP MULTIMODE DUPLEX JACK MODULES

Anixter No.	Vendor No.	Description
543340	FJJSMM5CEI	62.5/125 $\mu$ m; electric ivory
257852	FJJSMM5OCEI	50/125 $\mu$ m; electric ivory

FJ OPTI-CRIMP REPLACEMENT FERRULES/CRIMP SLEEVES

Anixter No.	Vendor No.	Description
248554	FJJSMMFRL-X	62.5/125 $\mu$ m
248555	FJJSMM50FRL-X	50/125 $\mu$ m

Anixter No.	Vendor No.	Description
330543	FCAMKIT	OPTICAM Pre-Polished Cam Termination Kit
313383	FPPKIT-CVY	Pre-polished conversion kit - converts OPTI-CRIMP Termination Kit for OPTICAM
330545	FIELDKITUPG	Field Polish Kit Upgrade for OPTICAM Connector Termination

OPTI-CRIMP Pre-polished Crimp Fiber Optic Termination Kit

PANDUIT



FEATURES

- For termination of all PANDUIT OPTI-CRIMP Pre-polished Connectors
- No adhesive required for termination
- Includes FVFLY Visual Fault Locator and FVFLPCY Patch Cord for visual verification of optimal continuity between the field fiber and the pre-polished fiber stub during crimp termination
- Includes installation instructions and stripping templates for all PANDUIT OPTI-CRIMP Pre-polished Crimp Connectors

Anixter No.	Vendor No.	Description
268774	FJMVKIT	OPTI-CRIMP Pre-Polished Crimp Termination Kit

OPTICAM Pre-polished Cam Fiber Optic Termination Kits

PANDUIT



FEATURES

- For termination of all PANDUIT OPTICAM Pre-polished Connectors
- No adhesive or electricity required for termination
- OPTICAM Termination Tool simplifies tooling and termination, and virtually eliminates operator error by providing visual indication of proper termination after the cam step has been completed
- Includes installation instructions and stripping templates for all PANDUIT OPTICAM Pre-polished Connectors

Field Polish Fiber Optic Connectors

PANDUIT



FEATURES

- Robust design protects fibers from mechanical and environmental stress
- Each simplex, 2.5 mm ferrule connector comes with 3.0 mm and 900  $\mu$ m boots
- LC and SC products available with standards-based color-coded boots or with contrasting boot colors for polarity identification
- SC and FJ connectors also available for 1.6 mm thru 2.0 mm cable
- Duplex SC connectors come with duplex clip and two 3.0 mm boots (one black, one red)
- Each simplex LC connector comes with 1.6 mm to 2.0 mm and 900  $\mu$ m boots; each duplex LC connector comes with 1.6 mm to 2.0 mm boots
- Field polish termination - PANDUIT recommends anaerobic adhesive for field polish connectors
- Use Field Polish Termination Kit (FIELDKIT) to terminate all PANDUIT field polish connectors

# Connectors and Adapters

- LC or SC duplex clips available for duplexing two simplex PANDUIT LC or SC connectors
- Fiber compatibility: 62.5/125  $\mu\text{m}$  OM1, 50/125  $\mu\text{m}$  OM2, 10 Gig 50/125  $\mu\text{m}$  laser-optimized OM3/OM4, and 9/125  $\mu\text{m}$  OS1/OS2

## LC SIMPLEX FIELD POLISH FIBER OPTIC CONNECTORS



Anixter No.	Vendor No.	Description
268812	FLCSMEIY	LC multimode simplex 62.5/125, electric ivory housing and boots
372678	FLCSMBLY	LC multimode simplex 50/125, black housing and boots
372679	FLCSM3.OEI	LC multimode simplex 62.5/125, electric ivory housing and 3.0 mm boots
372680	FLCSM3.OBL	LC multimode simplex 50/125, black housing and 3.0 mm boots
268813	FLCSSBUY	LC single-mode simplex 9/125, blue housing and boots

## LC DUPLEX FIELD POLISH FIBER OPTIC CONNECTORS



Anixter No.	Vendor No.	Description
268814	FLCDMEIY	LC multimode duplex 62.5/125, electric ivory housings and 1.6/2.0 mm boots
372681	FLCDMBLY	LC multimode duplex 50/125, black housings and 1.6/2.0 mm boots
268815	FLCDSBUY	LC single-mode duplex 9/125, blue housings and 1.6/2.0 mm boots
284256	FLCDM900EIY	LC multimode duplex 62.5/125, electric ivory housings and 900 $\mu\text{m}$ boots
372682	FLCDM900BLY	LC multimode duplex 62.5/125, black housings and 900 $\mu\text{m}$ boots
313247	FLCDS900BUY	LC single-mode duplex 9/125, blue housings and 900 $\mu\text{m}$ boots
372685	FLCDM3.OEI	LC multimode duplex 62.5/125, electric ivory housings and 3.0 mm boots
372686	FLCDM3.OBL	LC multimode duplex 50/125, black housings and 3.0 mm boots
372687	FLCDS3.OBU	LC single-mode duplex 9/125, blue housings and 3.0 mm boots

## LC DUPLEX CLIP



Anixter No.	Vendor No.	Description
313248	FLCLIP-L	LC duplex clip

## SC SIMPLEX FIELD POLISH FIBER OPTIC CONNECTORS



Anixter No.	Vendor No.	Description
248562	FSCSBU	SC single-mode 9/125, blue boot
246368	FSCMBL	Multimode, black
372639	FSCM5BL	50/125, multimode, black housing and boot
546394	FSCMRD	Multimode, red

## SC DUPLEX CLIP



Anixter No.	Vendor No.	Description
313220	FSCCLIP-L	SC duplex clip

## SC DUPLEX FIELD POLISH FIBER OPTIC CONNECTORS

Anixter No.	Vendor No.	Description
313219	FSCDM	62.5/125, multimode, electric ivory housing and red and black
372677	FSCDM5BL	50/125, multimode, black housings and boots

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# Connectors and Adapters

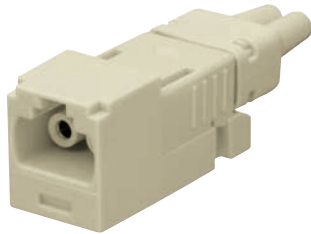
(continued) Field Polish Fiber Optic Connectors

## ST FIELD POLISH FIBER OPTIC CONNECTORS



Anixter No.	Vendor No.	Description
248564	FSTSABU	ST single-mode 9/125, blue boot
244843	FSTMABL	ST multimode 50/125 and 62.5/125 black boot
246370	FSTMARD	Multimode, red boot

## FJ FIELD POLISH FIBER OPTIC DUPLEX JACK MODULES



Anixter No.	Vendor No.	Description
187046	FJJGM5CEI	Multimode, electric ivory
224323	FJJGM5CIW	Multimode, off white
204302	FJJGS9CBU	Single-mode, blue
525509	FJJFRL-X	Multimode, replacement ferrule and crimp sleeve

## FJ FIELD POLISH FIBER OPTIC DUPLEX PLUGS



Anixter No.	Vendor No.	Description
187061	FJEPGM5CEI	Multimode, electric ivory
204303	FJEPGS9CBUY	Single-mode, blue
248565	FJEPFRL-X	Multimode, replacement ferrule and crimp sleeve

## Field Polish Fiber Optic Termination Kits/Components

PANDUIT



### FEATURES

- For termination of all PANDUIT Field Polish Connectors
- Fast-acting adhesive; no long-curing epoxy required for termination
- Kit provides consumables for terminating up to 100 field polish connectors
- Includes installation instructions and stripping templates for all PANDUIT Field Polish Connectors

Anixter No.	Vendor No.	Description
330547	FIELDKIT	Field Polish Termination Kit
330548	FCAMKITUPG	OPTICAM Kit Upgrade for Field Polish Connector Termination
330549	FIELDKITRFB	Field Polish Consumables Refurbishment Kit; includes all consumable quantities included in FIELDKIT
206160	FJPKGU	Universal polishing puck

## MINI-COM Fiber Optic Adapter Modules

PANDUIT



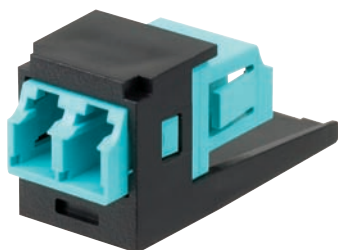
### FEATURES

- Robust designs exceed TIA/EIA-568-B.3 performance requirements
- Compatible with MINI-COM products for complete modularity
- Choice of phosphor bronze or zirconia ceramic split sleeves to fit specific network requirements; zirconia ceramic split sleeves are recommended for single-mode and 10GbE applications
- Modules available in multiple colors -- allows color-coding for network segregation
- LC small-form-factor duplex adapter module fits into a single-module space



# Connectors and Adapters

## LC MINI-COM SR./SR. DUPLEX FIBER OPTIC ADAPTER MODULES



Modules have a FOCIS-10 senior adapter interface at each end.

Anixter No.	Vendor No.	Description
268844	CMDSLCEI	Phos. bronze sleeves, electric ivory adapter/module
268845	CMDSLCZBU	Zirc. ceramic sleeves, blue adapter/module
313257	CMDSAQLCBL	10 Gig, phos. bronze sleeves, aqua adapter/black module
313258	CMDSAQLCZBL	10 Gig, zirc. ceramic sleeves, aqua adapter/black module

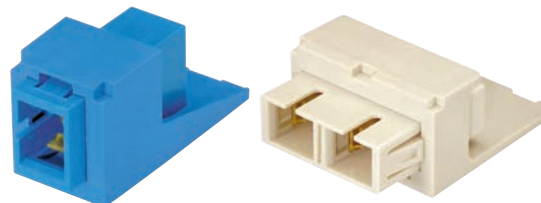
## LC MINI-COM SR. /JR. DUPLEX FIBER OPTIC ADAPTER MODULES



Modules have a FOCIS-10 senior adapter interface at the front and a FOCIS-10 junior adapter interface at the back; junior end also accepts fixed ferrule LC connectors.

Anixter No.	Vendor No.	Description
268846	CMDJLCEI	Phos. bronze sleeves, electric ivory adapter/module
268847	CMDJLCZBU	Zirc. ceramic sleeves, blue adapter/module
299930	CMDJLCBL	Phos. bronze sleeves, electric ivory adapter/module
428308	CMDJBLLCBL	Phos. bronze sleeves, black adapter/module
313259	CMDJAQLCBL	10 Gig, phos. bronze sleeves, aqua adapter/black module
313260	CMDJAQLCZBL	10 Gig, zirc. ceramic sleeves, aqua adapter/black module

## SC MINI-COM FIBER OPTIC ADAPTER MODULES



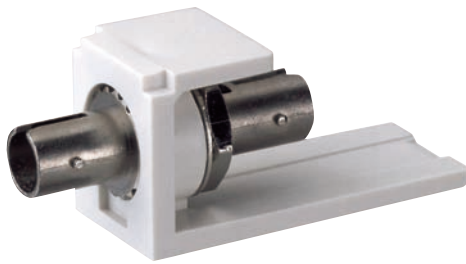
Anixter No.	Vendor No.	Description
248576	CMDEISCEI	Duplex, phos. bronze sleeves, electric ivory adapter/module
248575	CMSEISCEI	Simplex, phos. bronze sleeves, electric ivory adapter/module
248414	CMDBUSCBL	Duplex, phos. bronze sleeves, blue adapter/black module
546346	CMDBUSCIW	Duplex, phos. bronze sleeves, blue adapter/off white module
180500	CMDBUSCEI	Duplex, phos. bronze sleeves, blue adapter/electric ivory module
249510	CMDBUSCWH	Duplex, phos. bronze sleeves, blue adapter/white module
248577	CMDBUSCZBU	Duplex, zirc. ceramic sleeves, blue adapter/module
316617	CMSBUSCZBU	Simplex, zirc. ceramic sleeves, blue adapter, black module
372634	CMSBLSCBL	Simplex, phos. bronze sleeves, black adapter/black module
372635	CMDBLSCBL	Duplex, phos. bronze sleeves, black adapter/black module
313250	CMSAQSCBL	10 Gig, simplex, phos. bronze sleeves, aqua adapter/black module
313251	CMSAQSCZBL	10 Gig, simplex, zirc. ceramic sleeves, aqua adapter/black module
313252	CMDAQSCBL	10 Gig, duplex, phos. bronze sleeves, aqua adapter/black module
313253	CMDAQSCZBL	10 Gig, duplex, zirc. ceramic sleeves, aqua adapter/black module
313254	CMSAGSCZBL	APC, simplex, zirc. ceramic sleeves, green adapter/black module
313255	CMDAGSCZBL	APC, duplex, zirc. ceramic sleeves, green adapter/black module

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# Connectors and Adapters

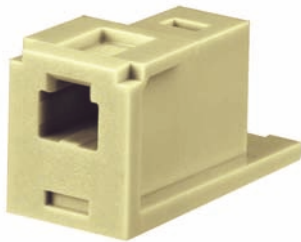
*(continued)* MINI-COM Fiber Optic Adapter Modules

ST MINI-COM SIMPLEX FIBER OPTIC ADAPTER MODULES



Anixter No.	Vendor No.	Description
180499	CMSTBL	Phos. bronze sleeve, black module
180445	CMSTEI	Phos. bronze sleeve, electric ivory module
175045	CMSTIW	Phos. bronze sleeve, off white module
180498	CMSTWH	Phos. bronze sleeve, white module
269754	CMSTZBL	Zirc. ceramic sleeve, black module
269755	CMSTZBU	Zirc. ceramic sleeve, blue module
269756	CMSTZEI	Zirc. ceramic sleeve, electric ivory module
269757	CMSTZIW	Zirc. ceramic sleeve, off white module

MT-RJ MINI-COM DUPLEX FIBER OPTIC ADAPTER MODULES



Can be used with multimode connectors and patch cords.

Anixter No.	Vendor No.	Description
248581	CMMJBL	Black
235569	CMMJBU	Blue
248578	CMMJEI	Electric ivory
245847	CMMJIW	Off white
234705	CMMJWH	White

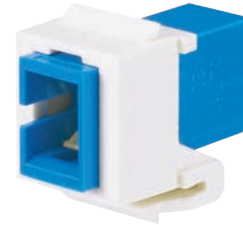
MPO ADAPTER MODULE

Designed for up to 12 fiber multimode or single-mode MPO or MTP connectors and patch cords.

Anixter No.	Vendor No.	Description
313261	CMMPOLBL	Black

NETKEY Fiber Optic Adapter Modules

PANDUIT



Module colors also available in electric ivory (EI), black (BL), white (WH), and international gray (IG).

Anixter No.	Vendor No.	Description
282079	NKSCMIW	SC simplex adapter module, off white
282078	NKSTMIW	ST simplex adapter module, off white
313262	NKDLCMIW	LC duplex adapter module, off white

## OPTICOM QUICKNET Rack-mount Fiber Cassette Enclosures

PANDUIT



Fiber optic drawers mount to standard EIA 19 in. racks and provide an excellent solution for patching, routing and organizing your fiber optic cable in high-density applications. The drawers slide out and tilt down for easy access to the fiber connections, terminations, splices and cable storage. FCE\*U drawers also feature clear front covers for easy access to patch cords; side and rear cable entry; and a fiber optic cable routing accessory kit. Front patch cord bend radius control clips also included.

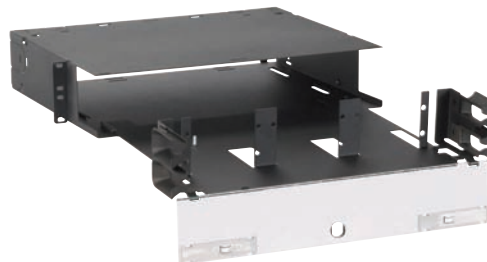
Anixter No.	Vendor No.	Description
351634	FCE1U	Slide-out, tilt-down drawer accepts four QUICKNET Cassettes, FAP fiber adapter panels, and/or FOSM fiber optic splice modules for up to 96 fibers, 1U
351635	FCE2U	Slide-out, tilt-down drawer accepts eight QUICKNET Cassettes, FAP fiber adapter panels, and/or FOSM fiber optic splice modules for up to 192 fibers, 2U
351636	FCE4	Slide-out, tilt-down drawer accepts 12 QUICKNET cassettes, FAP fiber adapter panels, and/or FOSM fiber optic splice modules for up to 288 fibers, 4U
364415	FCE4U	Slide-out, tilt-down drawer accepts 12 QUICKNET cassettes, FAP fiber adapter panels, and/or FOSM fiber optic splice modules for up to 288 fibers, 4U

## OPTICOM Rack-mount Enclosures (FRME)

PANDUIT



FRME fiber rack-mount enclosures mount to standard EIA 19 in. or 23 in. racks and provide an excellent solution for routing and organizing fiber optic cable for all applications. The 1RU and 2RU versions feature bi-directional sliding drawers for easy front access to the fiber connections, terminations, splices and cable storage. The 3RU and 4RU versions feature a fixed bulkhead design. All models have front and rear door access to patch cords, terminations and cable storage; feature top, bottom, and side cable entry; and come with fiber optic cable routing accessory kits and patch cord bend radius control.



Anixter No.	Vendor No.	Description
367260	FRME1U	1RU, accepts three FAP fiber adapter panels and FOSM fiber optic splice modules for up to 72 fibers
367264	FRME2U	2RU, accepts six FAP fiber adapter panels and FOSM fiber optic splice modules for up to 144 fibers
248880	FRME3	3RU, accepts nine FAP fiber adapter panels for up to 216 fibers
248879	FRME4	4RU, accepts 12 FAP adapter panels for up to 288 fibers

## OPTICOM Fiber Adapter Patch Panels, Trays and Drawers

PANDUIT



OPTICOM Rack Mount Fiber Trays (FMTs) mount to standard EIA 19 in. racks directly behind PANDUIT fiber adapter patch panels. The stationary tray features a removable cover for easy access to terminations, splices and cable storage, side and rear access for cable entry, and a fiber optic cable routing accessory kit.

Anixter No.	Vendor No.	Description
248886	FMT1	OPTICOM Rack Mount Fiber Tray, 1RU, add modular patch panel CFAPPBL1
248887	FMT2	OPTICOM Rack Mount Fiber Tray, 2RU, add modular patch panel CFAPPBL2
226175	CFAPPBL1	Flat fiber patch panel, accepts up to four FAP adapter panels, 1RU
226176	CFAPPBL2	Flat fiber patch panel, accepts up to eight FAP adapter panels, 2RU
398197	FMT1A	OPTICOM Rack Mount Fiber Tray Angled, 1RU, add modular patch panel CFAPPBL1A
398198	FMT2A	OPTICOM Rack Mount Fiber Tray Angled, 2RU, add modular patch panel CFAPPBL2A
398195	CFAPPBL1A	Angled fiber patch panel, accepts up to four FAP adapter panels, 1U
398196	CFAPPBL2A	Angled fiber patch panel, accepts up to eight FAP adapter panels, 2 RU

# Hardware

## OPTICOM Preloaded Trays

PANDUIT



Preloaded fiber optic trays mount to standard EIA 19 in. racks. The stationary trays come preloaded with SC or ST adapters and feature removable patch panels that allow rear access from the front of the unit. Includes fiber optic cable routing accessory kit. 1RU high (1.75 in.).

Anixter No.	Vendor No.	Description
268957	FT1W12STY	12 ST adapters with phos. bronze sleeves
268958	FT1W24ST	24 ST adapters with phos. bronze sleeves
268959	FT1W12DSC	12 duplex SC adapters with phos. bronze sleeves

## OPTICOM Wall-mount Enclosures (FWME)

PANDUIT

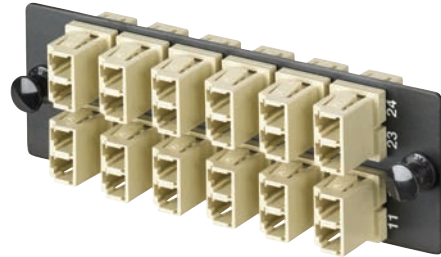


OPTICOM FWME fiber wall-mount enclosures are an excellent solution for managing optical fiber terminations, splices, and patching in building entrances, equipment rooms, telecommunications rooms and telecommunications closets. The wall-mount enclosures have separate doors for service-side and user-side access; the option of separately keyed locks; can accommodate splice trays and holders; and include a fiber optic cable routing accessory kit.

Anixter No.	Vendor No.	Description
248868	FWME2	Wall-mount enclosure accepting up to two FAP panels
248872	FWME4	Wall-mount enclosure accepting up to four FAP panels or QUICKNET cassettes
259937	FWME8	Wall-mount enclosure accepting up to eight FAP panels or QUICKNET cassettes

## OPTICOM Fiber Adapter Panels (FAPs)

PANDUIT



Fiber optic adapter panels (FAPs) snap quickly into the front of all PANDUIT trays, drawers, rack-mount enclosures and fiber adapter patch panels. Choice of phosphor bronze or zirconia ceramic split sleeves to fit specific network requirements; zirconia ceramic split sleeves are recommended for single-mode and 10 GbE applications.

### QUICKNET MPO/MTP ADAPTER PANELS

Anixter No.	Vendor No.	Description
372703	FAPH4W12BLMTP	Loaded with four MPO/MTP fiber optic adapters; for horizontal orientation of 12-fiber MPO or MTP connectors
372709	FAPH6W12BLMTP	Loaded with six MPO/MTP fiber optic adapters; for horizontal orientation of 12-fiber MPO or MTP connectors
372714	FAP4W12BLMTP	Loaded with four MPO/MTP fiber optic adapters; for vertical orientation of 12-fiber MPO or MTP connectors

### LC OPTICOM DUPLEX FIBER ADAPTER PANELS

Anixter No.	Vendor No.	Description
313274	FAP6WAQDLCZ	Loaded with six OM3 LC duplex adapters, aqua, zirconia ceramic sleeves
352258	FAP12WAQDLCZ	Loaded with twelve OM3 LC duplex adapters, aqua, zirconia ceramic sleeves
313271	FAP6WAQDLC	Loaded with six OM3 LC duplex adapters, aqua, phosphorous bronze sleeves
411337	FAP12WAQDLC	Loaded with twelve OM3 LC duplex adapters, aqua, phosphorous bronze sleeves
398200	FAP6WBLDLC	Loaded with six OM2 LC duplex adapters, black, phosphorous bronze sleeves
413922	FAP12WBLDLC	Loaded with twelve OM2 LC duplex adapters, black, phosphorous bronze sleeves
270989	FAP6WEIDLC	Loaded with six OM1 LC duplex adapters, electric ivory, phosphorous bronze sleeves
286271	FAP12WEIDLC	Loaded with twelve OM1 LC duplex adapters, electric ivory, phosphorous bronze sleeves
270999	FAP6WBUDLCZ	Loaded with six OS1 LC duplex adapters, blue, zirconia ceramic sleeves
339588	FAP12WBUDLCZ	Loaded with twelve OS1 LC duplex adapters, blue, zirconia ceramic sleeves

## LC OPTICOM SIMPLEX FIBER ADAPTER PANELS

Anixter No.	Vendor No.	Description
270984	FAP12WBULCZ	Loaded with 12 blue adapters; zirconia ceramic sleeves
328335	FAP12WAQLCZ	Loaded with 12 aqua adapters; zirconia ceramic sleeves

## SC OPTICOM DUPLEX FIBER ADAPTER PANELS

Anixter No.	Vendor No.	Description
313269	FAP3WAQDSCZ	Loaded with three OM3/OM4 SC duplex adapters, aqua, zirconia ceramic sleeves
406363	FAP4WAQDSCZ	Loaded with four OM3/OM4 SC duplex adapters, aqua, zirconia ceramic sleeves
313270	FAP6WAQDSCZ	Loaded with six OM3/OM4 SC duplex adapters, aqua, zirconia ceramic sleeves
313267	FAP3WAQDSC	Loaded with three OM3/OM4 SC duplex adapters, aqua, phosphorous bronze sleeves
388811	FAP4WAQDSC	Loaded with four OM3/OM4 SC duplex adapters, aqua, phosphorous bronze sleeves
313268	FAP6WAQDSC	Loaded with six OM3/OM4 SC duplex adapters, aqua, phosphorous bronze sleeves
PAN-FAP3WBLDSC	FAP3WBLDSC	Loaded with three OM2 SC duplex adapters, black, phosphorous bronze sleeves
398227	FAP6WBLDSC	Loaded with six OM2 SC duplex adapters, black, phosphorous bronze sleeves
256680	FAP3WEIDSC	Loaded with three OM1 SC duplex adapters, electric ivory, phosphorous bronze sleeves
310421	FAP4WEIDSC	Loaded with four OM1 SC duplex adapters, electric ivory, phosphorous bronze sleeves
268858	FAP6WEIDSC	Loaded with six OM1 SC duplex adapters, electric ivory, phosphorous bronze sleeves
280883	FAP3WBUDSCZ	Loaded with three OS1/OS2 SC duplex adapters, blue, zirconia ceramic sleeves
344904	FAP4WBUDSCZ	Loaded with four OS1/OS2 SC duplex adapters, blue, zirconia ceramic sleeves
268859	FAP6WBUDSCZ	Loaded with six OS1/OS2 SC duplex adapters, blue, zirconia ceramic sleeves
313266	FAP6WAGDSCZ	Loaded with six APC duplex adapters, green, zirconia ceramic sleeves

## SC OPTICOM SIMPLEX FIBER ADAPTER PANELS

Anixter No.	Vendor No.	Description
268854	FAP6WEISC	Loaded with six SC simplex adapters, electric ivory, phosphorous bronze sleeves
342159	FAP12WEISC	Loaded with twelve SC simplex adapters, electric ivory, phosphorous bronze sleeves
241007	FAP6WBUSCZ	Loaded with six OS1/OS2 SC simplex adapters, blue, zirconia ceramic sleeves
325993	FAP12WBUSCZ	Loaded with twelve OS1/OS2 SC simplex adapters, blue, zirconia ceramic sleeves
313265	FAP6WAGSCZ	Loaded with six APC green adapters, zirconia ceramic sleeves

## ST OPTICOM SIMPLEX FIBER ADAPTER PANELS

Anixter No.	Vendor No.	Description
268852	FAP6WSTZ	Loaded with six ST adapters, zirconia ceramic sleeves
520721	FAP6WST	Loaded with six ST adapters, phosphorous bronze sleeves
268960	FAP6WSTA	Loaded with six ST simplex angled adapters, phosphorous bronze sleeves
255073	FAP8WST	Loaded with eight ST simplex adapters, phosphorous bronze sleeves

## OPTICOM MULTI-MEDIA MODULAR PANEL

Anixter No.	Vendor No.	Description
187387	FMP6	Unloaded panel; accepts six MINI-COM modules

## OPTICOM BLANK FIBER ADAPTER PANEL

Anixter No.	Vendor No.	Description
521095	FAPB	Blank adapter panel (reserves space for future use)

## OPTICOM Splice Modules, Trays and Holders

## PANDUIT



Splice trays and stacking units can be used for mechanical or fusion splices. Splice trays include adhesive-back splice tray holders, cable ties to manage cable, PVC tube to protect buffered fiber, and a clear protective cover.

Anixter No.	Vendor No.	Description
351637	FOSMF	Fiber optic splice module, self-stacking, holds 24 fusion splices, for PANDUIT rack-mount enclosure
367266	FOSMM	Fiber optic splice module, self-stacking, holds 12 fusion splices, for PANDUIT rack-mount enclosure

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# Hardware

*(continued)* OPTICOM Splice Modules, Trays and Holders

Anixter No.	Vendor No.	Description
364009	FOSMH4U	Fiber optic splice module holder, 4RU. Holds up to twelve FOSM splice modules. For use with FCE4U fiber cassette enclosure
344670	FSC24	Fiber splice chip protects up to 24 fusion splices
268913	FSTK	Accommodates six mechanical or fusion splices for use with FWME2
268930	FSTHS	Stacking unit holds two FSTKs; for FWME2 wall-mount enclosure only
204256	FST6	Accommodates 12 mechanical or fusion splices for use with FMT Series trays, FMD Series drawers, FWME4 and FMWE8 enclosures
541268	FSTHE	Holds up to four FST6 splice trays. For use with FMT1, FMT2, FMD1 or FMD2
281510	FST24S	Splice tray holds up to 24 mechanical or fusion splices
268962	FST24	Accommodates 24 mechanical or fusion splices for use with FRME3 or FRME4
268963	FST24H3	Stacking unit holds three FST24 trays; for FRME3 or FRME4

- Insertion loss data provided on every fiber cassette
- Lifetime traceability of test data to a Q.C. number on each fiber cassette
- 10 Gig 50/125  $\mu\text{m}$  fiber cassettes are tested per IEEE 802.3ae 10 GbE to support network transmission speeds up to 10 Gb/s for link lengths up to 300 meters using laser-optimized OM3 fiber, and up to 550 meters using laser-optimized OM4 fiber at 850 nm; backward compatible with all 50/125  $\mu\text{m}$  (OM2) MPO or MTP system requirements

Anixter No.	Vendor No.	Description
363872	FCX0-12-10Y	OM3 12-fiber optimized cassette; six LC duplex adapters to one male MTP, 10 GbE 50/125 $\mu\text{m}$
428539	FCZ0-12-10Y	OM4 12-fiber optimized cassette; six LC duplex adapters to one male MTP, 10 GbE 50/125 $\mu\text{m}$
309115	FCX0-24-10Y	OM3 24-fiber optimized cassette; 12 LC duplex adapters to two male MTPs, 10 GbE 50/125 $\mu\text{m}$
428405	FCZ0-24-10Y	OM4 24-fiber optimized cassette; 12 LC duplex adapters to two male MTPs, 10GbE 50/125 $\mu\text{m}$
355015	FCX-12-10Y	OM3 12-fiber cassette; six LC duplex adapters to one male MTP, 10 GbE 50/125 $\mu\text{m}$
421776	FCZ-12-10Y	OM4 12-fiber cassette; six LC duplex adapters to one male MTP, 10 GbE 50/125 $\mu\text{m}$
308572	FCX-24-10Y	OM3 24-fiber cassette; 12 LC duplex adapters to two male MTPs, 10 GbE 50/125 $\mu\text{m}$
428538	FCZ-24-10Y	OM4 24-fiber cassette; 12 LC duplex adapters to two male MTPs, 10 GbE 50/125 $\mu\text{m}$
327698	FC5-12-10Y	OM2 12-fiber cassette; six LC duplex adapters to one male MTP, 50/125 $\mu\text{m}$
345905	FC5-24-10Y	OM2 24-fiber cassette; 12 LC duplex adapters to two male MTPs, 50/125 $\mu\text{m}$
361739	FC6-12-10Y	OM1 12-fiber cassette; six LC duplex adapters to one male MTP, 62.5/125 $\mu\text{m}$
348940	FC9-12-10Y	OS1/OS2 12-fiber cassette; six LC duplex adapters to one male MTP, 9/125 $\mu\text{m}$
328382	FC9-24-10Y	OS1/OS2 24-fiber cassette; 12 LC duplex adapters to two male MTPs, 9/125 $\mu\text{m}$
328381	FC9-12-3Y	OS1/OS2 12-fiber cassette; six SC duplex adapters to one male MTP, 9/125 $\mu\text{m}$

QUICKNET MTP Cassettes

PANDUIT



**FEATURES**

- Compatible with OPTICOM QUICKNET rack-mount fiber cassette enclosures, zero RU fiber adapter panel brackets, and wall-mount enclosures; up to 96 fiber connections in 1RU
- Low insertion loss of 0.5 dB max. per optimized cassette and 1.0 dB max. per standard cassette; ensures system meets IEEE 802.3ae max. channel loss specification of <2.6 dB
- Return loss: >20 dB (multimode), >26 dB (10 Gig multimode), >40 dB (single-mode)
- Connect together with high-density female MTP cable assemblies as interconnecting network segments for deploying a remote or data center location in minutes
- Significantly reduce installation time and labor by eliminating field connector terminations
- Factory terminated, assembled and 100 percent tested

## QUICKNET SFQ Series MTP Fiber Optic Cassettes

PANDUIT



### FEATURES

- Compatible with OPTICOM QUICKNET Patch Panels for up to 96 fiber connections in 1 RU with QUICKNET 48-port Angled Patch Panel (QAPP48HDBL)
- Low insertion loss of 0.5 dB max. per optimized cassette and 1.0 dB max. per standard cassette; ensures system meets IEEE 802.3ae max. channel loss specification of <2.6 dB
- Return loss: > 20 dB (multimode), > 26 dB (10 Gig multimode), > 55 dB (single-mode)
- Connect together with high-density female MTP cable assemblies as interconnecting network segments for deploying a remote or data center location in minutes
- Significantly reduce installation time and labor by eliminating field connector terminations
- Factory terminated, assembled and 100 percent tested
- Insertion loss data provided on every fiber cassette
- Lifetime traceability of test data to a Q.C. number on each fiber cassette
- 10 Gig 50/125 μm fiber cassettes are tested per IEEE 802.3ae 10 GbE to support network transmission speeds up to 10 Gb/s for link lengths up to 300 meters using laser-optimized OM3 fiber, and up to 550 meters using laser-optimized OM4 fiber at 850 nm
- Backward compatible with all 50/125 μm (OM2) MPO or MTP system requirements

Anixter No.	Vendor No.	Description
393600	FQX0-12-10	OM3 12-fiber cassette; six LC duplex adapters to one male MTP, optimized 10 GbE 50/125 μm, method A
428550	FQZ0-12-10	OM4 12-fiber cassette; six LC duplex adapters to one male MTP, optimized 10 GbE 50/125 μm, method A
428554	FQX-12-10	OM3 12-fiber cassette; six LC duplex adapters to one male MTP, 10 GbE 50/125 μm, method A
428555	FQZ-12-10	OM4 12-fiber cassette; six LC duplex adapters to one male MTP, 10 GbE 50/125 μm, method A
428556	FQ5-12-10	OM2 12-fiber cassette; six LC duplex adapters to one male MTP, rear mount cassette, 50/125 μm
428557	FQ6-12-10	OM1 12-fiber cassette; six LC duplex adapters to one male MTP, rear mount cassette, 62.5/125 μm
428559	FQ9-12-10	OS1/OS2 12-fiber cassette; six LC duplex adapters to one male MTP, 9/125 μm

## MINI-COM Multimedia/Fiber Surface-mount Boxes

PANDUIT



MINI-COM multimedia/fiber boxes include a unique built-in fiber spool to secure fiber cable in place and allow for optimum flexibility at the workstation outlet. These can be wall-mounted over single-gang, double-gang and DIN-sized openings with screws or adhesive. Accept MINI-COM Modules for STP and UTP (including Category 5e and Category 6), fiber optic and audio/video, which snap in and out for easy moves, adds and changes.

### FEATURES

- Slots for cable ties
- Tamper-resistant screw for security
- Fiber spool

#### SIX MODULE-SPACE

Anixter No.	Vendor No.	Description
188882	CBXF6EI-AY	Electric ivory
521010	CBXF6IW-AY	Off white
525626	CBXF6IG-AY	International gray
530374	CBXF6WH-AY	White

#### TWELVE MODULE-SPACE

Anixter No.	Vendor No.	Description
190999	CBXF12EI-AY	Electric ivory
190998	CBXF12IW-AY	Off white

See Panduit Connectors and Adapters section for a list of PANDUIT adapter modules.

# Tools

## MTP Connector Cleaning Tools

PANDUIT



### FEATURES

- All tools feature a dry cloth cleaning system with an ultra clean micro-fiber cloth that captures debris and contamination
- Anti-static cloth minimizes additional debris from being attracted to connector surfaces
- Densely woven, robust cloth doesn't fray or leave fibrous materials behind
- Easy-to-install replacement reels are available for reel type MTP connector cleaning tools (FMTPFCT and FMTPMFCT) for continuous cleaning without the need for tool replacement
- QUICKNET Cassette MTP Connector Cleaning Tool is designed to clean MTP connectors inside QUICKNET Cassettes, adapters, faceplates or bulkheads
- QUICKNET Cassette MTP Connector Cleaning Tool's unique design enables cleaning of male (with pins) or female (without pins) MTP connectors
- All tools and refills can be used to clean 400 MTP or MPO connectors

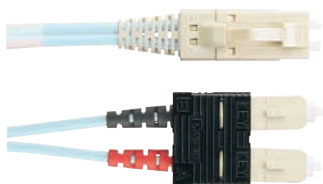
Anixter No.	Vendor No.	Description
357067	FMTPFCT	Reel type MTP connector cleaning tool for cleaning MTP female connectors (without pins)
357069	FMTPMFCT	Reel type MTP connector cleaning tool for cleaning MTP male connectors (with pins)
357066	FIBCCT	QUICKNET Cassette MTP connector cleaning tool for cleaning MTP connectors inside QUICKNET Cassettes, adapters, faceplates or bulkheads
428561	FMPRR6	Cleaning reel refill for FMTPFCT and FMTPMFCT tools, pack of six



# Patch Cords

## OPTI-CORE Fiber Optic Patch Cords

PANDUIT



**10 Gig MULTIMODE FIBER OPTIC PATCH CORDS AND PIGTAILS 10 GbE 50/125  $\mu$ m**  
Patch cords are tested to support network transmission speeds up to 10 Gigabits per second for link lengths up to 300 meters for OM3 and up to 550 meters for OM4 with an 850 nm source per IEEE 803.3ae 10 GbE Standards. Meet or exceed TIA/EIA-568-B.3 performance requirements. Insertion loss per connection: 0.10 dB typical; 0.30 dB maximum. Backward compatible for use with all 50/125 system requirements. Factory terminated and 100 percent tested and inspected for optimum performance. Insertion loss data recorded for every multimode patch cord. Lifetime traceability of test data to a Q.C. number on each patch cord. SC duplex patch cords include SC duplex clips to maintain polarity. They have the highest-quality flame-retardant fiber optic cable with tight-buffered coating on each optical fiber. NOTE: Also available in standard 50/125: replace "X" with "5" in part number. Other configurations and lengths available.

**MULTIMODE FIBER OPTIC PATCH CORDS AND PIGTAILS - 62.5/125  $\mu$ m**  
Pass all TIA/EIA-568-B.3 performance requirements. Insertion loss per connection: 0.10 dB typical; 0.30 dB maximum. Factory terminated and 100 percent tested for insertion loss; insertion loss data recorded for every multimode patch cord. Lifetime traceability of test data to a Q.C. number on each patch cord. SC duplex patch cords include SC duplex clips to maintain polarity. They have the highest-quality flame-retardant fiber optic cable with tight-buffered coating on each optical fiber. NOTE: Other configurations and lengths available.

**SINGLE-MODE FIBER OPTIC PATCH CORDS AND PIGTAILS - 9/125  $\mu$ m**  
Pass all TIA/EIA-568-B.3 performance requirements. 100 percent factory inspected end-face geometry in compliance with Telcordia GR-326-CORE, Issue 3. Typical insertion loss per connection: 0.25 dB; UPC polished (>55 dB return loss); factory terminated and 100 percent tested for insertion loss and return loss; insertion loss and return loss data is recorded for every single-mode patch cord. Lifetime traceability of test data to a Q.C. number on each patch cord.

### SC TO SC DUPLEX 10 GIG 50/125 3 MM JACKETED CABLE

Anixter No.	Vendor No.	Description
268780	FXD3-3M1Y	1 meter
268782	FXD3-3M2Y	2 meter
268783	FXD3-3M3Y	3 meter

### LC TO LC DUPLEX 10 GIG 50/125 1.6 MM JACKETED CABLE

Anixter No.	Vendor No.	Description
415877	FZE10-10M1	1 meter OM4
415878	FZE10-10M2	2 meter OM4
415879	FZE10-10M3	3 meter OM4
415881	FZE10-10M5	5 meter OM4
415884	FZE10-10M10	10 meter OM4
268793	FXE10-10M1Y	1 meter OM3

Anixter No.	Vendor No.	Description
268794	FXE10-10M2Y	2 meter OM3
268795	FXE10-10M3Y	3 meter OM3
309419	FXE10-10M4Y	4 meter OM3
288398	FXE10-10M5Y	5 meter OM3
309421	FXE10-10M7Y	7 meter OM3
352565	FXE10-10M8Y	8 meter OM3
309422	FXE10-10M10Y	10 meter OM3

### SC TO LC DUPLEX 10 GIG 50/125 1.6 MM JACKETED CABLE

Anixter No.	Vendor No.	Description
268797	FXE3-10M1Y	1 meter
268798	FXE3-10M2Y	2 meter
268799	FXE3-10M3Y	3 meter

### LC TO LC DUPLEX 50/125 1.6 MM JACKETED CABLE

Anixter No.	Vendor No.	Description
287726	F5E10-10M2Y	2 meter
287728	F5E10-10M3Y	3 meter

### LC TO LC DUPLEX 50/125 900 $\mu$ m BUFFERED CABLE

Anixter No.	Vendor No.	Description
288621	FXB10-NM1Y	1 meter

### SC TO SC DUPLEX 62.5/125 3 MM JACKETED CABLE

Anixter No.	Vendor No.	Description
520715	F6D3-3M1Y	1 meter
520714	F6D3-3M2Y	2 meter
207162	F6D3-3M3Y	3 meter
225498	F6D3-3M5Y	5 meter

### LC TO LC DUPLEX 62.5/125 1.6 MM JACKETED CABLE

Anixter No.	Vendor No.	Description
268800	F6E10-10M1Y	1 meter
268801	F6E10-10M2Y	2 meter
268802	F6E10-10M3Y	3 meter

### SC TO LC DUPLEX 62.5/125 1.6 MM JACKETED CABLE

Anixter No.	Vendor No.	Description
268803	F6E3-10M1Y	1 meter
268804	F6E3-10M2Y	2 meter
268805	F6E3-10M3Y	3 meter

### ST TO SC DUPLEX 62.5/125 3 MM JACKETED CABLE

Anixter No.	Vendor No.	Description
187398	F6D2-3M2Y	2 meter
207161	F6D2-3M3Y	3 meter

### SC TO PIGTAIL 62.5/125 900 $\mu$ m BUFFERED FIBER

Anixter No.	Vendor No.	Description
398249	F6B3-NM2Y	2 meter
398250	F6B3-NM3Y	3 meter

### SC TO PIGTAIL 9/125 900 $\mu$ m BUFFERED FIBER

Anixter No.	Vendor No.	Description
546846	F9B3-NM1Y	1 meter

Continued on next page >>

# Patch Cords

*(continued)* OPTI-CORE Fiber Optic Patch Cords

LC TO PIGTAIL 9/125 900  $\mu$ M BUFFERED FIBER

Anixter No.	Vendor No.	Description
268806	F9B10-NM1Y	1 meter

SC TO SC DUPLEX 9/125 3 MM JACKETED CABLE

Anixter No.	Vendor No.	Description
235119	F9D3-3M2Y	2 meter
235120	F9D3-3M3Y	3 meter

LC TO LC DUPLEX 9/125 1.6 MM JACKETED CABLE

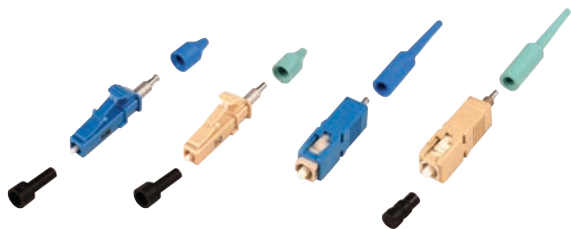
Anixter No.	Vendor No.	Description
347781	F9E10-10M1Y	1 meter
268807	F9E10-10M2Y	2 meter
268808	F9E10-10M3Y	3 meter
307062	F9E10-10M4Y	4 meter
287727	F9E10-10M5Y	5 meter

SC TO LC DUPLEX 9/125 1.6 MM JACKETED CABLE

Anixter No.	Vendor No.	Description
268809	F9E3-10M2Y	2 meter
268810	F9E3-10M3Y	3 meter

## XLR8 Mechanical Splice Connectors

SIEMON COMPANY



Combined with pre-polished XLR8 mechanical splice connectors, the patent-pending XLR8 activation tool can be used to deploy unsurpassed termination speed and quality. Available in both LC and SC configurations, the XLR8 mechanical splice connectors support both the multimode and single-mode versions of Siemon's 10 Gbps XGLO and Gigabit-ready LightSystem solutions. The XLR8 termination kit incorporates an exclusive dual-process activation tool which dramatically reduces termination time per connector. This process is intended for use with 900  $\mu\text{m}$  tight buffered fiber cables. Replacement activation tool and cleaver are available to order separately.

## LC AND SC CONNECTORS

Anixter No.	Vendor No.	Description
384698	FC1M-LC-5L-B12	LC simplex, 50/125 $\mu\text{m}$ laser-optimized, aqua boot (XGLO)
384697	FC1M-LC-6MM-B80	LC simplex, 62.5/125 $\mu\text{m}$ multimode, beige boot (LightSystem)
384699	FC1M-LC-SM-B06	LC simplex, single-mode, blue boot (XGLO and LightSystem)
384695	FC1M-SC-5L-B12	SC simplex, 50/125 $\mu\text{m}$ laser-optimized, aqua boot (XGLO)
384694	FC1M-SC-6MM-B80	SC simplex, 62.5/125 $\mu\text{m}$ multimode, beige boot (LightSystem)
384696	FC1M-SC-SM-B06	SC simplex, single-mode, blue boot (XGLO and LightSystem)

## TERMINATION KIT



Kit includes: XLR8 activation tool, precision cleaver, jacket stripper, buffer stripper, scissors, strip template, marker, alcohol pads, electrical tape and carrying case.

Anixter No.	Vendor No.	Description
384700	FTERM-XLR8	XLR8 fiber termination kit

## Epoxy Polish Connectors

SIEMON COMPANY

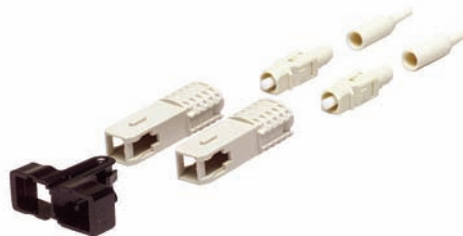
## LC CONNECTORS



Siemon LC products offer all the benefits of SC and ST connections in a Small-form-factor (SFF), high-density design. LC adapter products are compatible with the popular MAX, CT, FOB and SM work area and telecommunications room products, providing a wide variety of installation options. LC connectors take just two minutes to terminate, using the Siemon LightSpeed Termination Kit.

Anixter No.	Vendor No.	Description
263625	FC1-LC-MM-B80	Simplex, multimode, buffered fiber, white boot
252970	FC1-LC-SM-B02	Simplex, single-mode, buffered fiber, white boot

## SC DUPLEX CONNECTORS



SC Duplex connectors have a duplexing clip, which allows each connector to be removed individually. In the event fiber polarity is reversed during termination, simply remove connectors from the clip and switch to correct the mistake, saving installation time and money. In the event there is a fault with a single connection, an individual connector can be removed from the clip and re-terminated without disturbing the adjacent connector. SC Simplex connectors employ an outer housing that is color-coded in accordance with TIA/EIA-568-B.3 and ISO/IEC 11801 Ed2.0 requirements (beige for multimode and blue for single-mode).

Anixter No.	Vendor No.	Description
207826	FC2-SC-MM-B80	Multimode, buffered fiber, two beige boots
545680	FC2-SC-SM-B06	Single-mode, buffered fiber, two blue boots

## SC SIMPLEX CONNECTORS

Anixter No.	Vendor No.	Description
245581	FC1-SC-MM-B80	Multimode, buffered fiber, beige boot
264886	FC1-SC-SM-B06	Single-mode, buffered fiber, blue boot

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Siemon

## Connectors

*(continued)* Epoxy Polish Connectors

## ST CONNECTORS



The ST connector employs a rugged metal bayonet coupling ring with radial ramps which facilitate engagement to the studs of the mating adapter.

Anixter No.	Vendor No.	Description
210771	FC1-SA-MM-B80	Multimode, buffered fiber, beige boot

## ACCESSORIES



Anixter No.	Vendor No.	Description
231327	FTERM-L2	LightSpeed termination kit for SC and ST multimode connectors; (consumables sold separately)
271729	FTERM-LC	LC Fiber Termination Upgrade Kit (used in conjunction with FTERM-L2)
267547	FT-CKIT-L2	Consumables Kit for FTERM-L2

NOTE: Bulk packs also available for fiber connectors.  
Add "-B" to the end of part number for bulk pack.

## Rack-mount Interconnect Center (RIC3)

SIEMON COMPANY



The Rack-mount Interconnect Center (RIC3) provides high-density fiber management and distribution for six to 288 fibers on a 19 or 23 in. rack. Fiber entry is made available on both sides, at the front and the rear of the enclosure. Optional splice trays can be mounted in the rear of the unit where slack storage is available and optimum bend radius can be maintained. Plenty of space is provided for effective administration in front of the unit to organize jumpers exiting from each 6-, 8- or 12-port snap-in Quick-Pack adapter plate. Enclosures are black.

## RACK-MOUNT ENCLOSURE

Use with flat Quick-Pack adapter plates (see table below); all enclosures have locks

Anixter No.	Vendor No.	Description
261120	RIC3-24-01	24- to 96-port enclosure, 2U, black. Holds four Quick-Pack adapter plates
256003	RIC3-36-01	36- to 144-port enclosure, 2U, black. Holds six Quick-Pack adapter plates
261118	RIC3-48-01	48- to 192-port enclosure, 3U, black. Holds eight Quick-Pack adapter plates
261119	RIC3-72-01	72- to 288-port enclosure, 4U, black. Holds twelve Quick-Pack adapter plates

## FLAT QUICK-PACK ADAPTER PLATES

Anixter No.	Vendor No.	Description
221810	RIC-F-SA6-01	Three duplex ST adapters (six fibers) with icon pockets, black
221812	RIC-F-SC6-01	Three duplex SC adapters (six fibers) with icon pockets, black
241617	RIC-F-SA12-01	Six duplex ST adapters (12 fibers), black
221814	RIC-F-SC12-01	Six duplex SC adapters (12 fibers), black
270398	RIC-F-LC24-01	Six quad LC adapters (24 fibers), beige
542622	RIC-F-BLNK-01	Blank adapter plate, black
252251	RIC-F-LC12-01	Six duplex LC adapters (12 fibers), beige adapters
312583	RIC-F-LCU24-01C	Six quad, LC adapters (24 fibers), blue adapters

## Fiber Connect Panel (FCP3)

SIEMON COMPANY



The Fiber Connect Panel rack-mount enclosure economically connects, protects and manages up to 72 fibers within one rack-mount space (RMS). The FCP3-DWR makes access to the connections easy via a tray that slides out the front or the rear. Includes mounting brackets, housing/tray, fiber managers, grommets, label holders and labels. Use with flat Quick-Pack adapter plates. Color: black.

Anixter No.	Vendor No.	Description
230636	FCP3-DWR	6- to 72-port Fiber Connect Panel with sliding tray
230637	FCP3-RACK	6- to 72-port Fiber Connect Panel with fixed tray

## Wall-mount Interconnect Center (SWIC3)

SIEMON COMPANY



The SWIC3 wall-mount enclosures are designed for locations where wall space is limited while still providing many of the popular, installer-friendly features. The SWIC3 can hold up to 96 fibers (four Quick-Pack adapter plates) and includes a lock. The Mini SWIC3 can accommodate up to 24 fibers by adding two Quick-Pack adapter plates.

Also included are dustproofing grommets to provide protection from contaminants and bend radius guides to ensure optimal storage of fiber slack. Both enclosures are black.

## WALL-MOUNT ENCLOSURE

Use with flat Quick-Pack adapter plates

Anixter No.	Vendor No.	Description
231878	SWIC3-A-01	24- to 96-port with lock, black, add four flat Quick-Pack adapter plates
231741	SWIC3G-AA-01	24- to 96-port with lock and integrated jumper guard, black, add four Quick-Pack adapter plates
231297	SWIC3-M-01	12- to 48-port Mini SWIC3, black, add two Quick-Pack adapter plates

# Hardware

## Fiber Outlet Box

SIEMON COMPANY



Siemon's low-profile Fiber Outlet Box (FOB2) allows mounting onto either single- or double-gang outlet boxes. The unique design allows the snap-on cover to be removed to access fiber connections without disturbing the faceplate connections. Molded-in icon pockets and designation label holders permit port identification with use of color-coded, snap-on icons.

### FEATURES

- Low profile
- Allows mounting onto single- and double-gang outlet boxes
- Snap-on cover allows independent access to fiber over copper
- Color-coded snap-on icons

### FIBER OUTLET BOX

Includes base, cover, designation labels, clear label covers, mounting hardware, cable ties, icons and three blank bezels - white

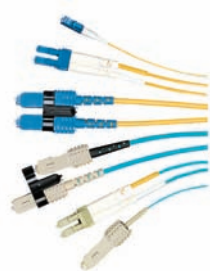
Anixter No.	Vendor No.	Description
232904	FOB2-02	Information outlet box

### FIBER INSERTS

Anixter No.	Vendor No.	Description
249163	FOB-BZL-SA-01	Duplex ST adapter
535834	FOB-BZL-SC-01	Duplex SC adapter
312577	FOB-BZL-LC-01	Duplex LC adapter

## XGLO and LightSystem Jumpers

SIEMON COMPANY



Part of Siemon's 10G ip cabling solution, XGLO fiber optic cable assemblies are ideal for next-generation backbone or fiber-to-the-desk applications. XGLO cable assemblies feature premium fiber that meets IEEE 802.3 10 Gigabit Ethernet Standard as well as IEC-60793-2-10 and TIA-492AAAC specifications for laser bandwidth Differential Mode Delay (DMD) specifications. In addition, these assemblies offer a superior connector polish that exceeds all ANSI/TIA/EIA and ISO/IEC insertion and return loss requirements. LightSystem assemblies provide robust Gigabit Ethernet support.

## XGLO SINGLE-MODE DUPLEX JUMPERS

These precision cable assemblies are warranted for 20 years and ensure optimum applications support for 10 Gigabit Ethernet serial transmission when installed in a qualified XGLO system. SC, LC and LC-SC hybrids available.

Anixter No.	Vendor No.	Description
285873	FJ2-LCULCUL-01	LC-LC duplex jumper, single-mode laser-optimized, 1 meter
285874	FJ2-LCULCUL-03	LC-LC duplex jumper, single-mode laser-optimized, 3 meter
271660	FJ2-SCUSCUL-01	SC-SC duplex jumper, single-mode laser-optimized, 1 meter
255349	FJ2-SCUSCUL-03	SC-SC duplex jumper, single-mode laser-optimized, 3 meter

## XGLO 50/125 MULTIMODE DUPLEX JUMPERS

Anixter No.	Vendor No.	Description
312690	FJ2-LCLC5L-01AQ	LC-LC duplex jumper, 50/125 laser-optimized aqua, 1 meter
312691	FJ2-LCLC5L-02AQ	LC-LC duplex jumper, 50/125 laser-optimized aqua, 2 meter
312692	FJ2-LCLC5L-03AQ	LC-LC duplex jumper, 50/125 laser-optimized aqua, 3 meter
312686	FJ2-SCSC5L-01AQ	SC-SC duplex jumper, 50/125 laser-optimized aqua, 1 meter
312687	FJ2-SCSC5L-02AQ	SC-SC duplex jumper, 50/125 laser-optimized aqua, 2 meter
312688	FJ2-SCSC5L-03AQ	SC-SC duplex jumper, 50/125 laser-optimized aqua, 3 meter

## LIGHTSYSTEM 50/125 MULTIMODE DUPLEX JUMPERS

Anixter No.	Vendor No.	Description
256274	FJ2-LCLC5MM-01	LC-LC duplex jumper, 50/125 orange, 1 meter
278608	FJ2-LCLC5MM-02	LC-LC duplex jumper, 50/125 orange, 2 meter
256275	FJ2-LCLC5MM-03	LC-LC duplex jumper, 50/125 orange, 3 meter
266767	FJ2-SCSC5MM-01	SC-SC duplex jumper, 50/125 orange, 1 meter
285819	FJ2-SCSC5MM-02	SC-SC duplex jumper, 50/125 orange, 2 meter
231863	FJ2-SCSC5MM-03	SC-SC duplex jumper, 50/125 orange, 3 meter

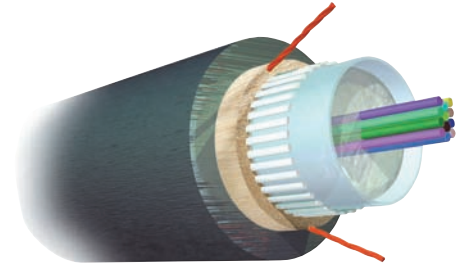
# Cables

## Indoor/Outdoor Single Loose Tube Multimode Cable - Riser

TYCO ELECTRONICS

### FEATURES

- High-performance single-mode and multimode fibers meet all industry performance standards
- TIA color-coded fibers for easy identification
- Gel-filled buffer tubes and water-swallowable yarns for water penetration protection
- Small-diameter, single-tube construction saves space inside ducts
- Flame-retardant, UV-protected jacket for harsh outdoor environments
- Hybrid cables provide built-in upgrade for future applications that will require single-mode fibers
- UL and C(UL) Listed OFNR (riser)
- Compatible with AMP NETCONNECT splitter kits
- Designed and tested in accordance with TIA/EIA-568-B, ICEA S-104-696, Telcordia GR-409-CORE, GR-20-CORE, IEC 60793-1/60794-1 and ISO/IEC 11801:2000
- Also available in 4- to 144-fiber counts



### APPLICATIONS

- Outdoor to indoor cable links without the need for a building entrance splice point
- Intrabuilding links in a campus environment (ducted)
- Aerial links (when used with a messenger strand)
- Local loop and feeder networks
- Outdoor areas with intermittent flooding or moisture
- Environments with severe temperature fluctuations
- Drop or service cables

#### OM1 62.5/125 MULTIMODE

Maximum attenuation: 3.5/1.2 dB/km (850/1300 nm); OFL bandwidth: 200/500 MHz • km (850/1300 nm); guaranteed Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation		Long Term		Installation		Long Term	
373-AMPOM1-LTRD-06	6-1553374-1	6	0.33	8.5	300	1335	90	400	6.7	17.0	3.4	8.5
373-AMPOM1-LTRD-12	6-1553378-1	12	0.33	8.5	300	1335	90	400	6.7	17.0	3.4	8.5

#### OM2 50/125 MULTIMODE

Maximum attenuation: 3.5/1.5 dB/km (850/1300 nm); OFL bandwidth: 500/500 MHz • km (850/1300 nm); guaranteed Gigabit Ethernet distance: 600/600 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation		Long Term		Installation		Long Term	
373-AMPOM2-LTRD-06	6-1553374-2	6	0.33	8.5	300	1335	90	400	6.7	17.0	3.4	8.5
373-AMPOM2-LTRD-12	6-1553378-2	12	0.33	8.5	300	1335	90	400	6.7	17.0	3.4	8.5

#### OM3 XG 50/125 MULTIMODE

Maximum attenuation: 3.5/1.2 dB/km (850/1300 nm); OFL bandwidth: 1,500/500 MHz • km (850/1300 nm); guaranteed Gigabit Ethernet distance: 1,000/600 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
			(in.)	(mm)	Installation		Long Term		Installation		Long Term	
373-AMPOM3-LTRD-06	6-1553374-4	6	0.33	8.5	300	1335	90	400	6.7	17.0	3.4	8.5
373-AMPOM3-LTRD-12	6-1553378-4	12	0.33	8.5	300	1335	90	400	6.7	17.0	3.4	8.5

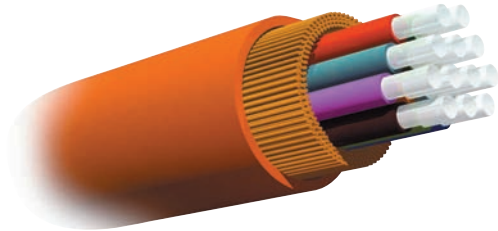


## Premise Distribution Multimode Cable - Riser

TYCO ELECTRONICS

### FEATURES

- Suitable for horizontal and intrabuilding backbone cabling and for direct termination in multi-user outlets
- Suitable for direct termination with epoxy/polish type, LightCrimp, LightCrimp Plus, and MT-RJ connectors
- High-performance single-mode and multimode fibers meet all industry performance standards
- Strippable 900  $\mu\text{m}$ , tight-buffer coating allows for easy connectorization
- TIA color-coded fibers for easy identification
- Hybrid cables provide a built-in upgrade for future applications that will require single-mode fibers
- UL and C(UL) Listed OFNR (riser)
- Designed and tested in accordance with TIA/EIA-568-B, Telcordia GR409-CORE, IEC 793-1/794-1, IECA-596 and ISO/IEC 11801:2000



### OM1 62.5/125 MULTIMODE

Maximum attenuation: 3.5/1.2 dB/km (850/1300 nm); OFL bandwidth: 200/500 MHz • km (850/1300 nm); guaranteed Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
<b>371-AMPOM1-TBD-06</b>	1-1553307-1	6	0.20	5.2	150	660	45	198	4.5	11.4	2.2	5.5
<b>371-AMPOM1-TBD-12</b>	1-1553311-1	12	0.24	6.0	150	660	45	198	5.0	12.8	2.5	6.3

### OM2 50/125 MULTIMODE

Maximum attenuation: 3.5/1.5 dB/km (850/1300 nm); OFL bandwidth: 500/500 MHz • km (850/1300 nm); guaranteed Gigabit Ethernet distance: 550/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
<b>371-AMPOM2-TBD-06</b>	1-1553307-2	6	0.20	5.2	150	660	45	198	4.5	11.4	2.2	5.5
<b>371-AMPOM2-TBD-12</b>	1-1553311-2	12	0.24	6.0	150	660	45	198	5.0	12.8	2.5	6.3

### OM3 XG 50/125 MULTIMODE

Maximum attenuation: 3.2/1.2 dB/km (850/1300 nm); OFL bandwidth: 1,500/500 MHz • km (850/1300 nm); guaranteed Gigabit Ethernet distance: 800/550 m (850/1300 nm); 10 Gigabit Ethernet distance: 300/300 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
<b>371-AMPOM3-TBD-06</b>	3-1553307-9	6	0.20	5.2	150	660	45	198	4.5	11.4	2.2	5.5
<b>371-AMPOM3-TBD-12</b>	3-1553311-9	12	0.24	6.0	150	660	45	198	5.0	12.8	2.5	6.3

### OM4 XG 50/125 MULTIMODE

Maximum attenuation: 3.2/1.2 dB/km (850/1300 nm); OFL bandwidth: 3,500/500 MHz • km (850/1300 nm); guaranteed Gigabit Ethernet distance: 800/550 m (850/1300 nm); 10 Gigabit Ethernet distance: 550/300 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.) (mm)		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
<b>371-AMPOM4-TBD-06</b>	4-1553307-9	6	0.20	5.2	150	660	45	198	4.5	11.4	2.2	5.5
<b>371-AMPOM4-TBD-12</b>	4-1553311-9	12	0.24	6.0	150	660	45	198	5.0	12.8	2.5	6.3

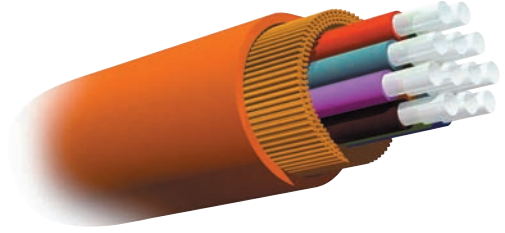
# Cables

## Premise Distribution Multimode Cable - Plenum

TYCO ELECTRONICS

### FEATURES

- Suitable for horizontal and intrabuilding backbone cabling and for direct termination in multi-user outlets
- Suitable for direct termination with epoxy/polish type, LightCrimp, LightCrimp Plus and MT-RJ connectors
- High-performance single-mode and multimode fibers meet all industry performance standards
- Strippable 900  $\mu$ m, tight-buffer coating allows for easy connectorization
- TIA color-coded fibers for easy identification
- Hybrid cables provide a built-in upgrade for future applications that will require single-mode fibers
- UL and C(UL) Listed OFNP (plenum)
- Designed and tested in accordance with TIA/EIA-568-B, Telcordia GR409-CORE, IEC 793-1/794-1, IECA-596 and ISO/IEC 11801:2000
- Also available in 8-, 24-, 36-, 48- and 72-fiber counts



### OM1 62.5/125 MULTIMODE

Maximum attenuation: 3.5/1.2 dB/km (850/1300 nm); OFL bandwidth: 200/500 MHz • km (850/1300 nm); guaranteed Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
<b>370-AMPOM1-TBD-06</b>	1-1553308-1	6	0.19	4.8	100	440	30	132	4.3	10.9	2.2	5.5
<b>370-AMPOM1-TBD-12</b>	1-1553312-1	12	0.23	5.7	100	440	30	132	5.0	12.8	2.5	6.3

### OM2 50/125 MULTIMODE

Maximum attenuation: 3.5/1.5 dB/km (850/1300 nm); OFL bandwidth: 500/500 MHz • km (850/1300 nm); guaranteed Gigabit Ethernet distance: 550/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
<b>370-AMPOM2-TBD-06</b>	1-1553308-2	6	0.19	4.8	100	440	30	132	4.3	10.9	2.2	5.5
<b>370-AMPOM2-TBD-12</b>	1-1553312-2	12	0.23	5.7	100	440	30	132	5.0	12.8	2.5	6.3

### OM3 XG 50/125 MULTIMODE

Maximum attenuation: 3.2/1.2 dB/km (850/1300 nm); OFL bandwidth: 1,500/500 MHz • km (850/1300 nm); guaranteed Gigabit Ethernet distance: 800/550 m (850/1300 nm); 10 Gigabit Ethernet distance: 300/300 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
<b>370-AMPOM3-TBD-06</b>	3-1553308-4	6	0.19	4.8	100	440	30	132	4.3	10.9	2.2	5.5
<b>370-AMPOM3-TBD-12</b>	3-1553312-9	12	0.23	5.7	100	440	30	132	5.0	12.8	2.5	6.3

### OM4 XG 50/125 MULTIMODE

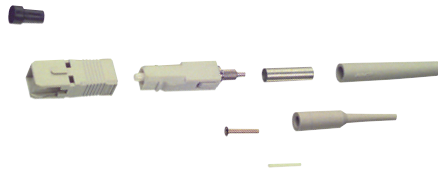
Maximum attenuation: 3.2/1.2 dB/km (850/1300 nm); OFL bandwidth: 3,500/500 MHz • km (850/1300 nm); guaranteed Gigabit Ethernet distance: 800/550 m (850/1300 nm); 10 Gigabit Ethernet distance: 550/300 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
			(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
<b>370-AMPOM4-TBD-06</b>	4-1553308-9	6	0.19	4.8	100	440	30	132	4.3	10.9	2.2	5.5
<b>370-AMPOM4-TBD-12</b>	4-1553312-9	12	0.23	5.7	100	440	30	132	5.0	12.8	2.5	6.3

# Connectors and Adapters

## LightCrimp Plus and LightCrimp Connectors

TYCO ELECTRONICS



### LIGHTCRIMP PLUS CONNECTORS

LightCrimp Plus Connectors use patented Tyco Electronics splice-and-crimp technology to make fiber optic termination a quick, clean and simple mechanical process. Limited training is required, combined with a reduced number of tools and no consumables. With LightCrimp Plus you can terminate fibers without the "epoxies," ovens or ultraviolet curing processes used in conventional terminations. LC SECURE Jacks have all the features and benefits of standard LC Jacks but in addition offer 10 different color-coded and keyed jacks that limit access to secure networks. LC SECURE plugs will mate only with same-color LC SECURE Adapters. LC to LC, MT-RJ, SC and ST cable assemblies available in all colors and lengths. Adapters snap into SL Series faceplates and patch panels.

Anixter No.	Vendor No.	Description
421105	5492642-2	ST-style LightCrimp Plus Connector, 62.5/125 $\mu\text{m}$ multimode, ceramic ferrule, black bend limiting and black 900 $\mu\text{m}$ bare buffer boots
330927	6278082-1	ST-style LightCrimp Plus Connector, 50/125 $\mu\text{m}$ multimode, ceramic ferrule, black bend limiting and black 900 $\mu\text{m}$ bare buffer boots
327834	5492643-1	SC simplex LightCrimp Plus Connector, 62.5/125 $\mu\text{m}$ multimode, ceramic ferrule, beige housing, beige 900 $\mu\text{m}$ bare buffer and beige 3.0 mm loose-jacketed boots
326846	6278079-1	SC simplex LightCrimp Plus Connector, 50/125 $\mu\text{m}$ multimode, ceramic ferrule, beige housing, beige 900 $\mu\text{m}$ bare buffer and beige 3.0 mm loose-jacketed boots
331352	6278009-1	SC duplex LightCrimp Plus Connector, 62.5/125 $\mu\text{m}$ multimode, ceramic ferrule, beige housing, beige 900 $\mu\text{m}$ bare buffer and beige 3.0 mm loose-jacketed boots
328610	6278080-2	SC duplex LightCrimp Plus Connector, 50/125 $\mu\text{m}$ multimode, ceramic ferrule, beige housing, beige 900 $\mu\text{m}$ bare buffer and black 3.0 mm loose-jacketed boots
336601	6693278-1	SC duplex, single-mode LightCrimp Plus Connector, ceramic ferrule, beige housing
332926	6693276-1	SC simplex, single-mode LightCrimp Plus Connector, ceramic ferrule, beige housing
343027	6754482-1	LC simplex, single-mode LightCrimp Plus Connector, 900/250 $\mu\text{m}$ , blue housing
332949	6754483-2	LC simplex, multimode LightCrimp Plus connector, 50/125, 900/250 $\mu\text{m}$ , beige housing
330939	6754483-1	LC simplex, multimode LightCrimp Plus Connector, 62.5/125, 900/250 $\mu\text{m}$ , beige housing

### LIGHTCRIMP CONNECTORS

AMP NETCONNECT LightCrimp optical fiber connectors are no-epoxy, polish connectors making optical fiber terminations easier by eliminating the need for messy, expensive and perishable epoxies. LC SECURE Jacks have all the features and benefits of standard LC Jacks but in addition offer 10 different color-coded and keyed jacks that limit access to secure networks. LC SECURE plugs will mate only with same-color LC SECURE Adapters. LC to LC, MT-RJ, SC and ST cable assemblies available in all colors and lengths. Adapters snap into SL Series faceplates and patch panels.

Anixter No.	Vendor No.	Description
326218	5504001-1	ST-style LightCrimp Connector, multimode (for both 62.5 and 50/125 $\mu\text{m}$ ), ceramic ferrule, black bend-limiting and black 900 $\mu\text{m}$ bare buffer boots
327848	5504034-1	ST-style LightCrimp Connector, multimode (for both 62.5 and 50/125 $\mu\text{m}$ ), stainless steel ferrule, black bend-limiting and black 900 $\mu\text{m}$ bare buffer boots
332519	5504000-1	ST-style LightCrimp Connector, single-mode, ceramic ferrule, yellow bend-limiting and yellow 900 $\mu\text{m}$ bare buffer boots
326845	5492168-1	ST-style LightCrimp Connector, multimode (for both 62.5 and 50/125 $\mu\text{m}$ ), polymer ferrule, black bend-limiting and black 900 $\mu\text{m}$ bare buffer boots
326603	5503692-1	SC simplex LightCrimp Connector, multimode (for both 62.5 and 50/125 $\mu\text{m}$ ), ceramic ferrule, beige housing, beige 900 $\mu\text{m}$ bare buffer and beige 3.0 mm loose-jacketed boots

## Oven Cure Epoxy Connectors

TYCO ELECTRONICS



### Technical Information & Standards

#### SC CONNECTORS:

- Epoxy, polish-type connectors
- Two-piece connectors are tunable
- Pre-radiused ferrules
- Durability of multimode connectors: 500 cycles
- Durability of single-mode connectors: 200 cycles
- Operate in temperatures ranging from -40°C to +85°C

#### ST-STYLE CONNECTORS:

- Epoxy, polish-type connectors
- Pre-radiused ferrules
- Maximum jacket diameter: 3.0 mm
- Durability of multimode connectors: 500 cycles
- Durability of single-mode connectors: 200 cycles
- Operate in temperatures ranging from -20°C to +75°C

Continued on next page >>

## Connectors and Adapters

*(continued)* Oven Cure Epoxy Connectors

## ST-STYLE CONNECTORS

Anixter No.	Vendor No.	Description
<b>329059</b>	5501380-1	Zirconia ceramic, pre-radiused, multimode, fiber O.D.; 125 micron, max. jacket O.D.: 3.0 mm, long and bare buffer black boot
<b>323571</b>	5501380-6	Zirconia ceramic, pre-radiused, multimode, fiber O.D.; 140 micron, max. jacket O.D.: 3.0 mm, long and short black boot
<b>326175</b>	5502579-2	Zirconia ceramic, pre-radiused, single-mode, fiber O.D.; 126 micron, maximum jacket O.D.: 3.0 mm, long yellow boot

## SC SIMPLEX CONNECTORS

Anixter No.	Vendor No.	Description
<b>326554</b>	5503948-1	Zirconia ceramic, multimode, fiber O.D.; 125 micron, max. jacket O.D.: 3.0 mm, short black boot
<b>331269</b>	5504646-1	Zirconia ceramic, single-mode, fiber O.D., 126 micron, max. jacket O.D.: 3.0 mm, short and bare buffer blue boot

## LC SIMPLEX CONNECTORS

Anixter No.	Vendor No.	Description
<b>398193</b>	1918384-1	Zirconia metal, single-mode, blue housing, 900 $\mu$ m buffer termination
<b>387303</b>	1918385-1	Zirconia metal, multimode, beige housing, 900 $\mu$ m buffer termination

## LC DUPLEX CONNECTORS

Anixter No.	Vendor No.	Description
<b>398194</b>	1918387-1	Zirconia metal, single-mode, blue housing, 900 $\mu$ m buffer termination

## TOOLS AND ACCESSORIES

Anixter No.	Vendor No.	Description
<b>124277</b>	503746-1	Installation tool kit. Must add epoxy and microscope. 24-hour epoxy kit
<b>333403</b>	1918652-1	Epoxy - general purpose
<b>134143</b>	502306-1	Consumables kit (100 connectors)

## MT-RJ and MT-RJ Secure Jacks

## TYCO ELECTRONICS

MT-RJ jacks are no-epoxy, no-polish, no-crimp fiber optic jacks that can be reterminated. MT-RJ jacks by design eliminate the need for a separate coupler and are compliant with TIA, ISO/IEC and CENELEC requirements. MT-RJ Outlet Jacks come with bend limiting boot and SL Series-compatible housing so they can be snapped into AMP NETCONNECT faceplates. MT-RJ Patch Panel Jacks can be terminated and installed into an AMP NETCONNECT Snap-In Adapter Plate for use with AMP NETCONNECT Fiber Optic Enclosures. MT-RJ SECURE Jacks have all the features and

benefits of standard MT-RJ jacks but in addition offer 10 different color-coded, keyed jacks that limit access to secure networks. MT-RJ, SC, LC and ST cable assemblies are available in all colors and lengths.

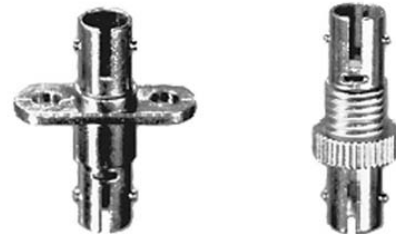
## MT-RJ WORK AREA OUTLET JACK

Anixter No.	Vendor No.	Description
<b>332530</b>	6278414-1	50/125 $\mu$ m - almond housing and black jack
<b>255216</b>	6278414-2	50/125 $\mu$ m - black housing and jack
<b>255217</b>	6278811-1	50/125 $\mu$ m - SECURE keyed, red housing and jack
<b>331730</b>	6278415-1	62.5/125 $\mu$ m - almond housing and beige jack
<b>245129</b>	6278415-2	62.5/125 $\mu$ m - black housing and beige jack
<b>245130</b>	6278415-3	62.5/125 $\mu$ m - white housing and beige jack
<b>255218</b>	6278810-1	62.5/125 $\mu$ m - SECURE keyed, red housing and jack
<b>318948</b>	6278810-2	62.5/125 $\mu$ m - SECURE keyed, yellow housing and jack
<b>257185</b>	6278810-3	62.5/125 $\mu$ m - SECURE keyed, green housing and jack
<b>331303</b>	6278810-4	62.5/125 $\mu$ m - SECURE keyed, blue housing and jack

## MT-RJ PATCH PANEL JACK

Anixter No.	Vendor No.	Description
<b>332919</b>	6278303-1	50/125 $\mu$ m, 250 $\mu$ m, pack of six, black
<b>326575</b>	6588880-1	50/125 $\mu$ m, 900 $\mu$ m, pack of six, black
<b>336506</b>	6278303-2	62.5/125 $\mu$ m, 250 $\mu$ m, pack of six, beige
<b>329080</b>	6588880-2	62.5/125 $\mu$ m, 900 $\mu$ m, pack of six, beige

## ST or ST-type Couplers



## Threaded mounting style

Anixter No.	Vendor No.	Vendor	Description
<b>146403</b>	504021-1	Tyco/Amp	ST-ST simplex metal sleeve single-mode metal housing, nickel-plated zinc, metal
<b>109714</b>	501381-1	Tyco/Amp	ST-ST simplex polymer sleeve multimode metal housing, nickel-plated zinc, composite plastic

### MPO and MPO SECURE Optical Fiber Cassettes

TYCO ELECTRONICS

MPO cassettes feature one or two MPO connections for 12- or 24-fiber applications. Cassettes have the same footprint as the snap-in adapter plates and come pretested and ready to use. Cassettes' fiber polarity is flipped AB/BA with straight-through configurations. MPO SECURE cassettes are available in 10 color-coded and keyed connector configurations that limit improper connections in segregated or secure networks. Pretested MPO and MPO SECURE trunk cable assemblies are available in many color/length/fiber count combinations.

#### 6-DUPLEX PORTS

Anixter No.	Vendor No.	Description
<b>368188</b>	1918781-1	OM1, 62/125 $\mu$ m, 12 fiber, one MPO to six duplex LC
<b>307935</b>	1918779-1	OM2, 50/125 $\mu$ m, 12 fiber, one MPO to six duplex LC
<b>357638</b>	1918783-1	OM3, XG 50/125 $\mu$ m, 12 fiber, one MPO to six duplex LC
<b>421852</b>	1553448-1	OM4, XG 50/125 $\mu$ m, 12 fiber, one MPO to six duplex LC
<b>352759</b>	6435180-2	OM1, 62/125 $\mu$ m, 12 fiber, one MPO to six duplex SC
<b>307934</b>	6435181-2	OM2, 50/125 $\mu$ m, 12 fiber, one MPO to six duplex SC
<b>353616</b>	6278418-2	OM1, 62/125 $\mu$ m, 12 fiber, one MPO to six duplex ST

#### 12-DUPLEX PORTS

Anixter No.	Vendor No.	Description
<b>355446</b>	1918780-1	OM2, 50/125 $\mu$ m, 24 fiber, one MPO to twelve duplex LC
<b>370279</b>	1918784-1	OM3, XG 50/125 $\mu$ m, 24 fiber, one MPO to twelve duplex LC
<b>421854</b>	1553449-1	OM4, XG 50/125 $\mu$ m, 24 fiber, one MPO to twelve duplex LC
<b>368191</b>	1918786-1	OS1, 9/125 $\mu$ m, 24 fiber, one MPO to twelve duplex LC
<b>353618</b>	1918778-1	OM3, XG 50/125 $\mu$ m, 24 fiber, one MPO to twelve duplex MT-RJ

### Wall-mount Fiber Optic Enclosures

TYCO ELECTRONICS

The EWC Series wall-mount enclosure provides the most cost-effective and quick field installation solution.

Anixter No.	Vendor No.	Description
<b>238142</b>	1278323-2	Unloaded, no side door, 6- or 12-duplex port capacity, black
<b>198531</b>	559560-2	Unloaded, with side door, 6-, 12-, or 24-duplex port capacity, black
<b>198532</b>	559561-2	Unloaded, with side door, 12-, 24-, or 48-duplex port capacity, black
<b>248795</b>	559501-2	Optional door lock for above

### Snap-in Adapter Plates for AMP Fiber Hardware

TYCO ELECTRONICS

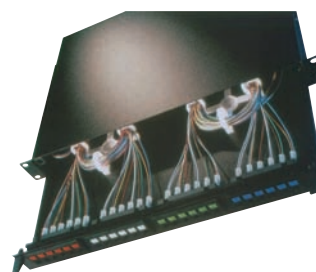
Adapter plates for rack-mount enclosures. Color: black.



Anixter No.	Vendor No.	Description
<b>198521</b>	559515-2	Simplex ST, six fiber, single-mode
<b>195973</b>	559557-1	Simplex ST, six fiber, multimode
<b>542383</b>	559558-2	Duplex SC, six fiber, single-mode
<b>246464</b>	559558-1	Duplex SC, six fiber, multimode
<b>198510</b>	1374463-3	Duplex LC, 12 fiber, multimode
<b>198511</b>	1435516-2	Duplex LC, 24 fiber, multimode
<b>198524</b>	559596-1	Duplex SC, 12 fiber, multimode
<b>314682</b>	559517-3	Simplex SC, six fiber, multimode
<b>209528</b>	1278328-3	MT-RJ, 12 fiber, single-mode and multimode

### Slimline 24-port Rack-mounted Patch Panel

TYCO ELECTRONICS



#### FEATURES

- One rack unit (1.75 in.) high
- Holds 24 MT-RJ adapters
- Sliding drawer design
- 19 in. EIA rack mountable
- Fiber storage spools

Anixter No.	Vendor No.	Description
<b>209526</b>	1206704-4	24-port MT-RJ patch panel unloaded

## Rack-mount Fiber Optic Enclosures

TYCO ELECTRONICS



The AMP optical fiber termination enclosures are designed for MDF, IDF or wiring-closet applications when an equipment rack-mounting is desired. These enclosures house virtually all of the industry-standard connectors by field-installing the connector panel and adapters of choice. Cable tie-down bars as well as grounding clamps are included for support and strain relief of the incoming cables. Proper bend radius for the fiber can be maintained both behind and in front of the connector-panel bulkhead. Jumpers exit in front, to the side or in back, through an opening in the bulkhead plate. The enclosures fit into 19 in. or 23 in. racks.

Anixter No.	Vendor No.	Description
367659	1-1657014-7	18- to 72-port, 1 rms, unloaded, holds three adapter plates, black with clear cover
198517	559542-2	24- to 96-port, 2 rms, unloaded, holds four adapter plates, black
198518	559614-2	48- to 192-port, 3 rms, unloaded, holds eight adapter plates, black
198281	559552-1	72- to 288-port, 4 rms, unloaded, holds 12 adapter plates, black

Add connector panels.

## CORELINK Mechanical Splice

TYCO ELECTRONICS



The CORELINK splice is an easy-to-use, high-performance mechanical splice for 125  $\mu\text{m}$  single-mode and multimode fibers. Its unique clamping mechanism is activated with a simple key; no other tooling is required. The transparent material allows the craftsperson to see and feel the fiber position. CORELINK is remateable, either fiber can be removed and replaced in the splice at any time. CORELINK has been tested to Bellcore TR-765, and it exceeds specifications for torsional strain relief, insertion loss and return loss. It can be housed in a variety of splice trays for placement in closures, ONUs and fiber enclosures.

Anixter No.	Vendor No.	Description
157625	503577-1	Splices (single-mode), 12-pack, includes two keys

## Tech Tips

## Curing Systems

## (A) Oven-cure Epoxy Connectors

Oven-cure connectors use an epoxy to fix the fiber within the connector ferrule tip. This type of installation has proven to be one of the most reliable in use today and requires the use of a curing oven; thus, AC power for the curing oven must be available to install this type of connector.

## (B) Quick-cure Connectors

(1) **UV-CURE ADHESIVE SYSTEM** The UV-cure connector utilizes a UV curing adhesive. Thus, the cure time is under one minute and the connector, after removal from the UV lamp, is cool to the touch and ready to be polished. Also, the UV lamp is lightweight and can be either AC or DC battery-powered.

(2) **HOT-MELT ADHESIVE SYSTEM** The hot-melt connector has the adhesive preloaded in the connector so there is no need to mix and apply epoxy. The connector is heated, the prepared fiber is inserted into the connector and is set aside to cool. Then, a typical or one-step polish is done to complete the installation.

(3) **ANAEROBIC ADHESIVE SYSTEM** Anaerobic adhesive cures due to the lack of oxygen. This adhesive is applied in the connector and the fiber is inserted. Since the air is forced out by the fiber, the adhesive cures. No ovens, heaters or AC power is required. A light polish is performed to complete the termination.

## (C) No-cure, No-polish Connectors

**UNICAM SYSTEM:** The UNICAM is a unique no-adhesive/no-epoxy/no-polish connector. A fiber stub is bonded into the connector ferrule, and the end face is factory-polished to a PC finish for multimode versions and to a Super PC finish for single-mode versions. The other end of the stub is precisely cleaved and placed into the patented alignment mechanism. Therefore, field installation requires only to cleave the field fiber, insert it into the splice and actuate the connector. No polishing is performed in the field, and a PC or Super PC finish is guaranteed.

## (D) Crimp-on Connectors

(1) **LIGHTCRIMP SYSTEM:** The LightCrimp connector is a no-adhesive/no-epoxy connector. The connector secures the buffered fiber by the action of three resilient spheres within the connector body. (The process is somewhat different in polymer composite ferrule version.) When crimped, these spheres are deformed by a plunger, and hold the fiber in place. This crimping step also clamps the plunger onto the buffer, ensuring a reliable termination. Once the crimp is made, the fiber extending from the ferrule tip is cleaved and the connector is quickly polished.

(2) **CRIMPLOK SYSTEM:** The CrimpLok connector is a no-adhesive/no-epoxy connector. The connector secures the fiber by clamping the bare fiber in a conformable metal element. Once crimped on, the connector is quickly polished using standard polishing methods.

# Connectors and Adapters

## Hot Melt Connectors: SC, ST, FC and LC Connectors

3M



The 3M Hot Melt Connector comes preloaded with advanced hot melt adhesive, which features an extended shelf life compared to epoxy versions. So you can leave the epoxy at home. There is no need for a syringe, applicator or mixing. And since there is no waiting for epoxy to cure, termination is fast - just two minutes (average). The Hot Melt connector's reliability, high performance and ease of use in both indoor and outdoor LANs worldwide, plus the savings in time and materials, have made it an industry favorite. LC terminations require both the 3M Universal Kit 6365 and Expansion Kit 6650-LC.

### FEATURES

- Preloaded hot melt adhesive
- No waiting for epoxy to cure
- Single-step polish for multimode
- Extended adhesive shelf life
- No crimping required for ST
- Pre-radiused PC ferrule
- Zirconia ceramic ferrule
- Meets TIA/EIA-568-B Specifications

### CONNECTORS

Anixter No.	Vendor No.	Description
256093	8200-W	Fiber size 125 $\mu$ m, jacketed, 250/900 $\mu$ m, white, FC
153845	6300-W	Fiber size 125 $\mu$ m, jacketed, 250/900 $\mu$ m, white, SC
194283	8300	Fiber size 125 $\mu$ m, jacketed, 250/900 $\mu$ m, white, SC
133588	6100-W	Fiber size 125 $\mu$ m, jacketed, 250/900 $\mu$ m, white, ST
173543	8100-YS	Fiber size 125 $\mu$ m, jacketed, 250/900 $\mu$ m, yellow, ST
349474	6600-S	Fiber size 125 $\mu$ m, jacketed, 250/900 $\mu$ m, white, simplex
322811	6601-D	Fiber size 125 $\mu$ m, jacketed, 250/900 $\mu$ m, multimode, white/beige, duplex
322812	8601-D	Fiber size 125 $\mu$ m, jacketed, 250/900 $\mu$ m, single-mode, white/beige, duplex

### ACCESSORIES

Anixter No.	Vendor No.	Description
312524	6650-LC	LC expansion kit, must be used in conjunction with the 6366/6362-230v Hot Melt Termination kit. The 6650-LC contains consumables for up to 100 terminations, up to 50 of which can be single-mode
141157	6192-A	Consumables kit for hand polish (2 $\mu$ m, green film); polishing film only

## ST-type Coupler



Threaded mounting style

Anixter No.	Vendor No.	Vendor	Description
193176	6112	3M Telcom	ST simplex multimode, phosphor bronze sleeve