

ASSMANN

NETWORK TECHNOLOGY 2014 // 2015





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ASSMANN NETWORK
TECHNOLOGY



NETWORK-, SERVER-, WALLMOUNT
CABINETS & ACCESSORIES



DATA CENTER



COPPER
COMPONENTS



FIBER OPTIC
COMPONENTS



TOOLS
& TESTER



DATAKOM
& VIDEO SOLUTIONS

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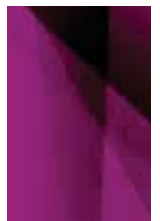
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Fiber Optic Components // Fiber Optic Patch Cord // Fiber Optic Installation
Cables // Pigtails // Fiber Optic Adapter // Fiber Optic Connectors // Fiber
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Preface //

The Whole World of IT Infrastructure. Since 1969.

We Have Been.

Successful for 45 years. ASSMANN offers more than just the world of cables. We are specialized in structured network wiring, data processing center solutions, and security technology. From the Sauerland, we have developed into a company with new locations worldwide, which today employs more than 350 workers. Thus, we are globally present and customer-oriented at the same time.

We Know.

What is important to our customers. For more than four decades, we have valued the power of open dialog with our suppliers, partners, and customers. Because of this, our team today possesses extensive sales and product development expertise. We work every day at offering our customers consistent high product quality as well as economically viable innovations.

You Get.

A comprehensive overview of ASSMANN group's powerful portfolio. Our DIGIUTS® Professional brand provides you with compelling products and dependable work materials. We will always offer modular and tailor-made comprehensive solutions. You can count on us for fair prices and short delivery times directly ex warehouse. Take a look at our network technology assortment on the following pages and see for yourself.



Please note that we can only present you with a selection of our comprehensive portfolio. If you lack a specific item, then please do not hesitate to get in touch with us.

ASSMANN NETWORK TECHNOLOGY



ASSMANN Network Technology. Since 1969.

We offer our full expertise and building services products under the name ASSMANN Network Technology. Technically sophisticated users, specialized companies, and data center specialists have all the products you need for optimally designing your project.

ASSMANN stands for the highest quality and reliability. A strong, reliable team strives constantly to provide 100% satisfaction of requirements from the market and customers.

DIGITUS® Professional. A powerful brand for professional demands.

The DIGITUS® brand stands for reliable technology at fair prices. Data centers, automotive manufacturers, specialized electrical companies, and many industrial enterprises rely on this dependable technology.

The DIGITUS® brand has had a successful international market presence for 19 years. DIGITUS® has already supplied network and server racks, cables, and accessories for projects all over the world.

DIGITUS® professional products can be completely tailor-made according to customers' demands. We have a continued interest in optimizing warehouse and freight costs. We also deliver ex works.

Our Product Portfolio

Passive network components

- Connection components
- Glass and copper cable assembly
- 19" products
- UPS devices
- Data center accessories

Active network components

- Switches/adapters
- Power over Ethernet
- IP cameras
- Network/video recorders
- Media converters

Digital signage

- 19" consoles
- KVM products
- Video splitters/switches
- Extenders
- Audio/video conversion

Logistic Management

Quick. Reliable. Efficient.

We are a strong, customer-oriented logistics service provider. Our products can be procured and shipped worldwide. This is possible thanks to our regional warehousing in our own logistics centers. Thanks to our expanded high-bay warehouse facilities at our headquarters in Lüdenscheid, we can guarantee high delivery capacity. Always at the forefront: Optimizing dispatch and freight costs.

Our logistics management encompasses production, packaging, along with delivery in accordance with customers' wishes. In addition, we are also able to implement customer-specific logistics plans. Even the famed just-in-time ordering is a task we can always carry out.



Our References

Successful. Since 1969

Satisfied customers are the best form of advertising. Whether its office buildings, service centers, universities, logistical centers, airports, banks, or data centers – a functional and efficient infrastructure is the central force in every building. We have already equipped buildings all over the world with our products.

As a supplier of high-quality products and expert consultant in the project planning business, our team of product managers and sales specialists can find the right solution for every customer. We work as a team with our customers for mutual success.



Data Center

Innovative & flexible. Data center

A lot has changed since 1969. Companies today must deal with increasing amounts of data. According to a recent study, worldwide data traffic is expected to increase to 7.7 zettabytes in data processing centers by the year 2017. Smart business applications, cloud technology, and increasing virtualization are causing continually increasing requirements for data centers.

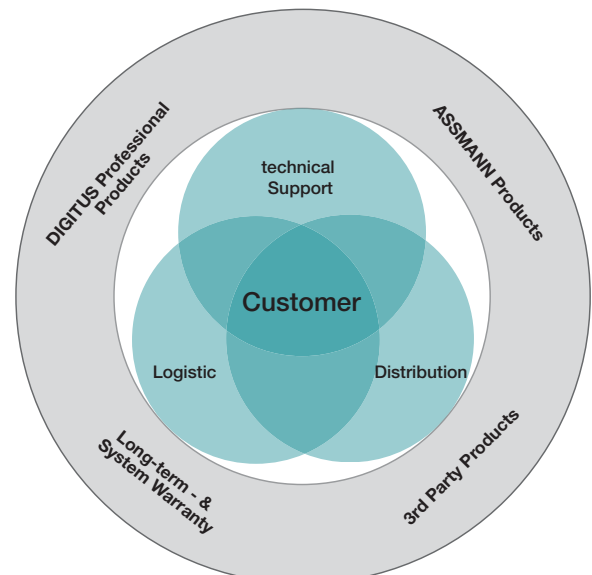
ASSMANN - The infrastructure supplier for your data center

- ✓ Reducing complexity – We make data centers easier to understand!
- ✓ Organizing infrastructure - We make data centers more organized!
- ✓ Increasing reliability – We make data centers more secure!
- ✓ Increasing efficiency – We make data centers more productive!
- ✓ Intelligently utilizing technology – We make data centers more environmentally friendly!

Security & Surveillance

Security is also gaining more importance in building services engineering. Our network camera system is second to none with its technical reliability, easy installation process, and fair cost effectiveness.

Designed for indoor or outdoor use, these wide-ranging IP camera models can be utilized as an intelligent video surveillance system together with the appropriate network recorder. This camera series is suitable for surveillance of e.g. warehouses, company headquarters, foyers, entrance areas, hallways, backyards or for every citizen who wishes to professionally secure his property.



On the Safe Side with the New Long-Term Warranty from ASSMANN

Peace of mind. ASSMANN's long-term warranty

We are confident in the quality of our products. In order to give you that same confidence, virtually all DIGITUS[®] products are backed by a 5 to 15-year manufacturer's warranty.

Activating your long-term warranty

You can easily activate your warranty yourself.

1. Please visit <http://www.digitus.info/en/service/warranty/warranty> with your web browser.
2. With our easy-to-use warranty form, you can register your purchased products within 4 weeks from the purchase date.
3. You may file any necessary warranty claims with your dealer after registration.

Expendable items or mechanical wear and tear parts are excluded from this warranty.

Please also note our warranty terms under:

<http://www.digitus.info/en/service/warranty/warranty>



Guaranteed to Be Trouble-Free with the 25 Year System Warranty

ASSMANN 
SYSTEM WARRANTY

Peace of mind. The 25-year system warranty for passive cabling components

We attach great importance on having our products' performance regularly verified by independent testing centers and certification institutes. Our past proven results give us the confidence to offer you a 25-year system warranty for passive cabling components (permanent link).

You can find more information about ASSMANN's 25-year system warranty on page 133.



Smart. Stable. Compatible. The Infrastructure for your Data Center

Increasing amounts of data require ever-increasing capacity. Even virtual data backup in the cloud is ultimately based on physical data processing centers. ASSMANN introduces remarkably high-quality and robust cabinets for your data centers under the DIGITUS® Unique server and network cabinet series. These cabinets impress with their strong durability, cost effectiveness, and are suitable for use in cold and hot aisle systems. In addition, elaborate closing mechanisms safeguard against security breaches and lay the foundation for data security in your company.

For us, it is important that the racks can be fully installed within the shortest amount of time. To that end, we utilize quick connectors and intelligent connection systems. This makes constructing a complete data center both faster and more cost-effective.

Furthermore, DIGITUS® Professional will provide you with high-quality accessories for equipping your network and server cabinets for e.g. cable patching. The rack, active aeration and ventilation, as well as additional detachable and modification parts, help to fulfill many requirements and perform applications of day-to-day practice.



NETWORK- SERVER- WALLMOUNT CABINETS & ACCESSORIES



DIGITUS® Network- und Server Cabinets – Configuration

DIGITUS® cabinets are made out of 2 mm steel sheet metal and can be delivered in various colours.

The colour is created by powder coating. RAL 7035 and RAL 9005 are standard colors. The robust steel construction provides very good stability, a capacity of up to 1000 kg can be reached with the appropriate construction. A minimum number of welded seams allows the cabinets to be completely dismantled in order to reach set-up locations which are difficult to reach. Simple dismantling of the front and back doors allows the stop to be changed without any trouble so that the existing door can also be exchanged with other alternatives, double panelled, fully glazed or perforated. The cabinets provided with ventilated roofs facilitate air circulation and can be easily and quickly extended by adding prefabricated, built-in air vane modules and thermostats for active ventilation.

19" angular profiles installed at the back and front together with 3 to 4 pairs of deep struts allow extensive development with 19" products and give the opportunity of a clearly extended load capacity.

Up to 3 options for the cable supply, protected by brush strips in the roof area, in the base and also at the back offer comfortable cable arrangement opportunities for many ranges of use. These are also extended by using cable ducts with front panels installed on the right and left hand side for cabinets with a width of 800 mm.

Extensive accessories for the cable arrangement, storage, active ventilation and air extraction and also additional construction and extension parts help to meet the many requirements and uses in daily use.

Configuration Network Cabinet Width 800

Article Number Cabinet	DN-19 32U-8/8-1	DN-19 36U-8/8-1	DN-19 42U-8/8-1	DN-19 42U-8/8-ZT-1	DN-19 42U-8/10-1	DN-19 47U-8/8-1	DN-19 47U-8/10-1
Height	1609	1787	2053	2053	2053	2276	2276
Width	800	800	800	800	800	800	800
Depth	800	800	800	800	1000	800	1000
Color	RAL 7035	RAL 7035	RAL 7035	RAL 7035	RAL 7035	RAL 7035	RAL 7035
Carrying capacity	800 kg	800 kg	800 kg	800 kg	800 kg	800 kg	800 kg
Protection class	IP 40	IP 40	IP 40	IP 40	IP 40	IP 40	IP 40

Shipment

Base frame	1	1	1	1	1	1	1
Safety-glass frontdoor, steel frame with ventilation slots	1	1	1		1	1	1
2-door safety-glass frontdoor, lockable				1			
2-door steel backdoor, lockable	1	1	1	1	1	1	1
Side sections detachable and lockable	2	2	2	2	2	2	2
19" profile rails, mounted in front of the cabinet	2	2	2	2	2	2	2
19" profile rails, mounted in the rear of the cabinet	2	2	2	2	2	2	2
Swingframe							
Depth members (pair)	4	4	4	4	4	4	4
Roof, prepared to use roof cooling units with brushes left and right	1	1	1	1	1	1	1
Bottom with movable sheet, rubber sealing and brushes left and right	1	1	1	1	1	1	1
Levelling feets	4	4	4	4	4	4	4
Cable management panel with cover	2	2	2	2	2	2	2
Brush cable entry up and down at the rear front	1	1	1	1	1	1	1
Plinth with brush cable entry	DN-19 PLINTH-8/8-1	DN-19 PLINTH-8/8-1	DN-19 PLINTH-8/8-1	DN-19 PLINTH-8/8-1	DN-19 PLINTH-8/10-1	DN-19 PLINTH-8/8-1	DN-19 PLINTH-8/10-1
Lockable castors	DN-19 CASTOR	DN-19 CASTOR	DN-19 CASTOR	DN-19 CASTOR	DN-19 CASTOR	DN-19 CASTOR	DN-19 CASTOR
Fixed shelf	DN-97611	DN-97611	DN-97611	DN-97611	DN-97611	DN-97611	DN-97611
Sliding shelf	DN-19 TRAY-2-800	DN-19 TRAY-2-800	DN-19 TRAY-2-800	DN-19 TRAY-2-800	DN-19 TRAY-2-800	DN-19 TRAY-2-800	DN-19 TRAY-2-800
Roof cooling unit incl. fans and thermostat	2 + 4 Fans poss.	2 + 4 Fans poss.	2 + 4 Fans poss.	2 + 4 Fans poss.	2 + 4 Fans poss.	2 + 4 Fans poss.	2 + 4 Fans poss.
Connecting kit	DN-19 BGL-1	DN-19 BGL-1	DN-19 BGL-1	DN-19 BGL-1	DN-19 BGL-1	DN-19 BGL-1	DN-19 BGL-1

Bulk enclose

Caged nuts, screws and plastic washers	28 Sets	28 Sets	28 Sets	28 Sets	28 Sets	28 Sets	28 Sets
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Network- & Server Cabinets

Configuration Network Cabinet Width 600

Article Number Cabinet	DN-19 22U-6/6-1	DN-19 26U-6/6-1	DN-19 32U-6/6-1	DN-19 42U-6/6-1	DN-19 22U-6/8-1	DN-19 26U-6/8-1	DN-19 32U-6/8-1	DN-19 42U-6/8-1	DN-19 26U-6/10-1
Height	1164	1342	1609	2053	1164	1342	1609	2053	1342
Width	600	600	600	600	600	600	600	600	600
Depth	600	600	600	600	800	800	800	800	1000
Color	RAL 7035	RAL 7035	RAL 7035	RAL 7035	RAL 7035	RAL 7035	RAL 7035	RAL 7035	RAL 7035
Carrying capacity	600 kg	600 kg	600 kg	600 kg	600 kg	600 kg	600 kg	600 kg	600 kg
Protection class	IP 40	IP 40	IP 40	IP 40	IP 40	IP 40	IP 40	IP 40	IP 40
Shipment									
Base frame	1	1	1	1	1	1	1	1	1
Safety-glass frontdoor, steel frame with ventilation slots	1	1	1	1	1	1	1	1	1
Steel backdoor, lockable	1	1	1	1	1	1	1	1	1
Side sections detachable and lockable	2	2	2	2	2	2	2	2	2
19"- profile rails, mounted in front of the cabinet	2	2	2	2	2	2	2	2	2
19"- profile rails, mounted in the rear of the cabinet	2	2	2	2	2	2	2	2	2
Depth members (pair)	2	2	3	3	2	2	3	3	2
Roof, prepared to use roof cooling units	1	1	1	1	1	1	1	1	1
Bottom with movable sheet and rubber sealing	1	1	1	1	1	1	1	1	1
Levelling feets	4	4	4	4	4	4	4	4	4
Brush cable entry up and down at the rear front			1	1			1	1	
Plinth with brush cable entry	DN-19 PLINTH-6/6-1	DN-19 PLINTH-6/6-1	DN-19 PLINTH-6/6-1	DN-19 PLINTH-6/6-1	DN-19 PLINTH-6/8-1	DN-19 PLINTH-6/8-1	DN-19 PLINTH-6/8-1	DN-19 PLINTH-6/8-1	DN-19 PLINTH-6/10-1
Lockable castors	DN-19 CASTOR	DN-19 CASTOR	DN-19 CASTOR	DN-19 CASTOR	DN-19 CASTOR	DN-19 CASTOR	DN-19 CASTOR	DN-19 CASTOR	DN-19 CASTOR
Fixed shelf	DN-97610	DN-97610	DN-97610	DN-97610	DN-97610	DN-97610	DN-97610	DN-97610	DN-97610
Sliding shelf	DN-19 TRAY-2-600	DN-19 TRAY-2-600	DN-19 TRAY-2-600	DN-19 TRAY-2-600	DN-19 TRAY-2-600	DN-19 TRAY-2-600	DN-19 TRAY-2-600	DN-19 TRAY-2-600	DN-19 TRAY-2-600
Roof cooling unit incl. fans and thermostat	2 + 4 Fans poss.	2 + 4 Fans poss.	2 + 4 Fans poss.	2 + 4 Fans poss.	2 + 4 Fans poss.	2 + 4 Fans poss.	2 + 4 Fans poss.	2 + 4 Fans poss.	2 + 4 Fans poss.
Connecting kit	DN-19 BGL-1	DN-19 BGL-1	DN-19 BGL-1	DN-19 BGL-1	DN-19 BGL-1	DN-19 BGL-1	DN-19 BGL-1	DN-19 BGL-1	DN-19 BGL-1
Swing arm handhold, prepared to use profile half cylinder (frontdoor)	DN-19 PHS	DN-19 PHS	DN-19 PHS	DN-19 PHS	DN-19 PHS	DN-19 PHS	DN-19 PHS	DN-19 PHS	DN-19 PHS
Bulk enclose									
Caged nuts, screws and plastic washers	28 Sets	28 Sets	28 Sets	28 Sets	28 Sets	28 Sets	28 Sets	28 Sets	28 Sets

Configuration Server Cabinet

Article Number Cabinet	DN-19 SRV-26U-N	DN-19 SRV-42U-N-1	DN-19 SRV-42U-8-N-1
Height	1342	1970	1970
Width	600	600	800
Depth	1000	1000	1000
Color	RAL 7035	RAL 7035	RAL 7035
Carrying capacity	1000 kg	1000 kg	1000 kg
Protection class	IP 20	IP 20	IP 20
Shipment			
Base frame	1	1	1
Perforated steel frontdoor with 3-point latching	1	1	1
Glazed frontdoor, steel frame with 3-point latching			
2-door steel backdoor, perforated and lockable	1	1	1
Side sections detachable and lockable	2	2	2
19"- profile rails, mounted in front of the cabinet	2	2	2
19"-profile rails, mounted in the rear of the cabinet	2	2	2
Depth members (pair)	3	4	4
Roof, prepared to use roof cooling units with rear brush cable entry	1	1	1
Bottom with movable sheet and rubber sealing	1	1	1
Anti-tipping device, extractable	1	1	1
Levelling feets	4	4	4
Castors	4	4	4
Plinth with blush cable entry	DN-19 PLINTH-6/10	DN-19 PLINTH-6/10	DN-19 PLINTH-8/10
Fixing shelf	DN-19 TRAY-1-1000	DN-19 TRAY-1-1000	DN-19 TRAY-1-1000
Sliding shelf	DN-19 TRAY-2-1000	DN-19 TRAY-2-1000	DN-19 TRAY-2-1000
Roof cooling unit incl. fans and thermostat	4 + 6 Fans poss.	4 + 6 Fans poss.	4 + 6 Fans poss.
Connecting kit	DN-19 BGL-1	DN-19 BGL-1	DN-19 BGL-1
Bulk enclose			
Caged nuts, screws and plastic washers	28 Sets	28 Sets	28 Sets

DIGITUS® Network Cabinet Unique Series

600, 800 mm Width – 800, 1000 mm Depth

The DIGITUS® Network Cabinet Unique Series is designed and produced for cabling and networking components. They provide maximum optimization resulted to an optimum performance in between quality and added value. Each cabinet is designed with strength, ease of use and aesthetics in mind.



- Safety class IP 40 rating
- Steel front door with safety glass and swing handle lock, lockable
- Side panel lockable
- Double steel rear door lockable
- EMKA lock system
- 120° opening door angle, front- and double rear door
- Door stop easy to change from left to right
- High frame rigidity due to special plate-curving-technique
- 800 kg loading capacity
- 19" profile rails mounted in the front and the back of the cabinet
- 19" profile rails adjustable in depth
- 19" profile rails with unit-marking
- Cable management channels beneath the front 19" profile rails
- Big cable entry with black cellular rubber seal on the bottom
- Cable entry with brush strip at the top and bottom of the cabinet rear wall
- Adjustable feet for safely positioning
- Special roof construction for fan units
- 2 keys for door and side panels included
- Available in light grey color RAL7035 and black color RAL9005
- Several earthing points for rack components
- Rack is completely mounted
- Large equipment is available

Ready for profile
halfzylinder connection



Swivelling lever handle



Vertical cable management on the front for 800 mm width cabinets



Network Cabinets - Unique Series



The Unique Series is available in 5 heights from 22 units up to 47 units. A various size of 800 mm and 1000 mm depth are in the portfolio of the Unique Series.

Each cabinet includes lockable glass front door, lockable steel back door and lockable side panels. Furthermore 2 sets of adjustable mounting profiles are equipped, and the roof is prepared for fan trays and entry brush strips are included.



Numbered 19" levels



Cable entry changeable from top

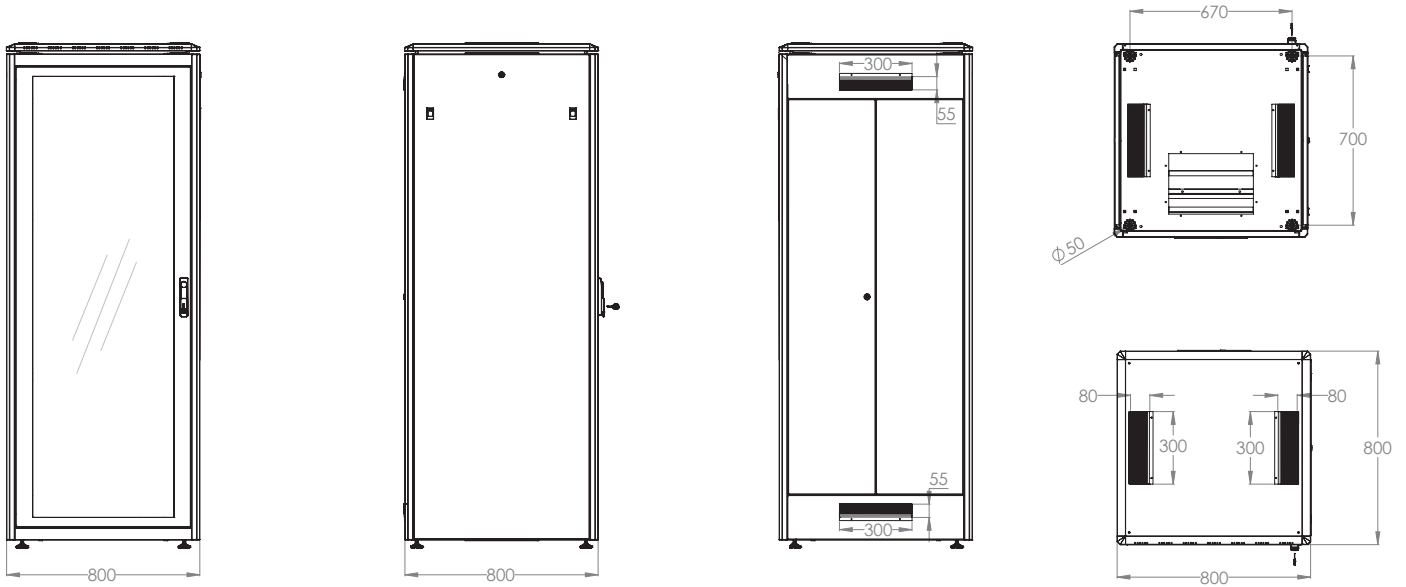


Numerous cable glands for the roof

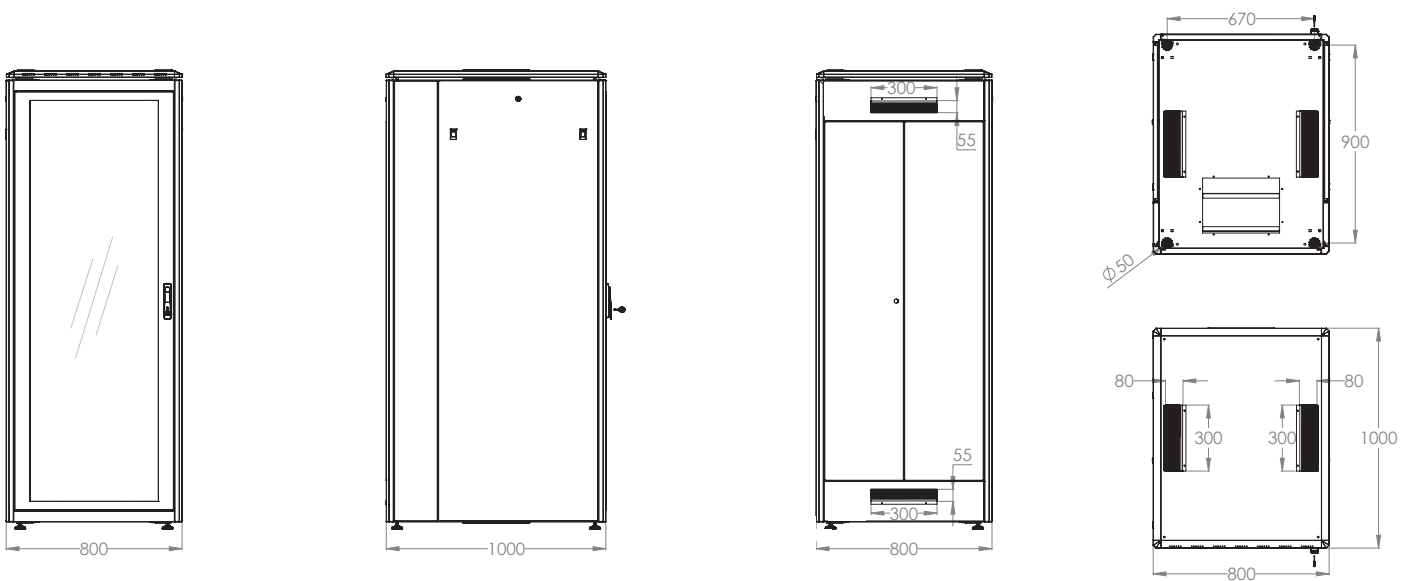


Cable entry changeable in ground

19" DIGITUS® Unique Network Cabinets | 800 mm x 800 mm



19" DIGITUS® Unique Network Cabinets | 800 mm x 1000 mm



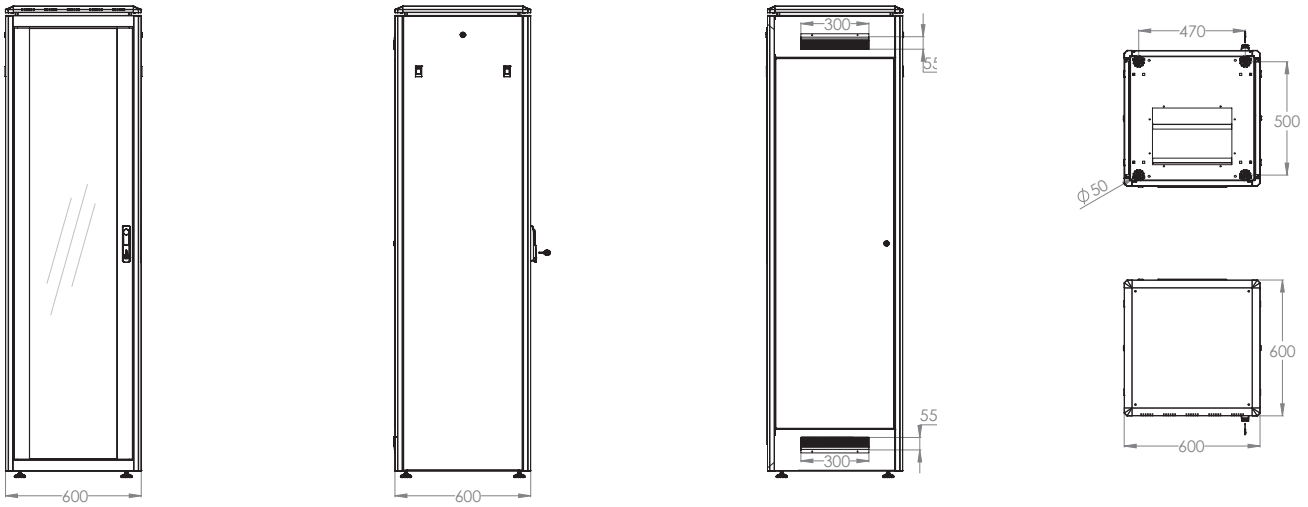
Product Details Network Cabinets Unique Series 800 mm x 800 mm

Part No.	EAN Code	Unit	Color	RAL	High (mm)	Width (mm)	Depth (mm)	Weight (kg)	Loading capacity (kg)	Dimension between front and rear mounting angle dimension
DN-19 22U-8/8-1	331124	22	light grey	7035	1164	800	800	64,3	800	570 mm
DN-19 22U-8/8-B-1	344322	22	black	9005	1164	800	800	64,3	800	570 mm
DN-19 26U-8/8-1	353515	26	light grey	7035	1342	800	800	70	800	570 mm
DN-19 32U-8/8-1	331162	32	light grey	7035	1609	800	800	80,4	800	570 mm
DN-19 32U-8/8-B-1	343394	32	black	9005	1609	800	800	80,4	800	570 mm
DN-19 36U-8/8-1	332329	36	light grey	7035	1787	800	800	87	800	570 mm
DN-19 36U-8/8-B-1	332336	36	black	9005	1787	800	800	87	800	570 mm
DN-19 42U-8/8-1	334217	42	light grey	7035	2053	800	800	95,5	800	570 mm
DN-19 42U-6/8-B-1	332435	42	black	9005	2053	800	800	95,5	800	570 mm
DN-19 47U-8/8-1	166740	47	light grey	7035	2276	800	800	103,5	800	570 mm

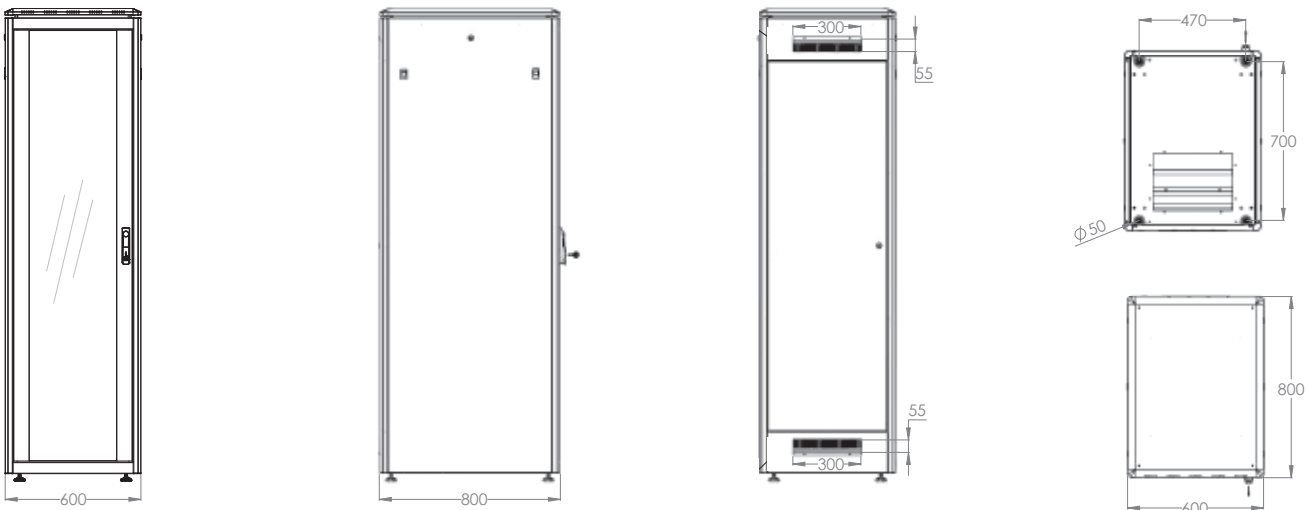
Product Details Network Cabinets Unique Series 800 mm x 1000 mm

Part No.	EAN Code	Unit	Color	RAL	High (mm)	Width (mm)	Depth (mm)	Weight (kg)	Loading capacity (kg)	Dimension between front and rear mounting angle dimension
DN-19 26U-8/10-1	341161	26	light grey	7035	1342	800	1000	118	800	740 mm
DN-19 42U-8/10-1	331186	42	light grey	7035	2035	800	1000	118	800	740 mm
DN-19 42U-8/10-B-1	332442	42	black	9005	2035	800	1000	118	800	740 mm
DN-19 47U-8/10-1	353522	47	light grey	7035	2244	800	1000	127	800	740 mm

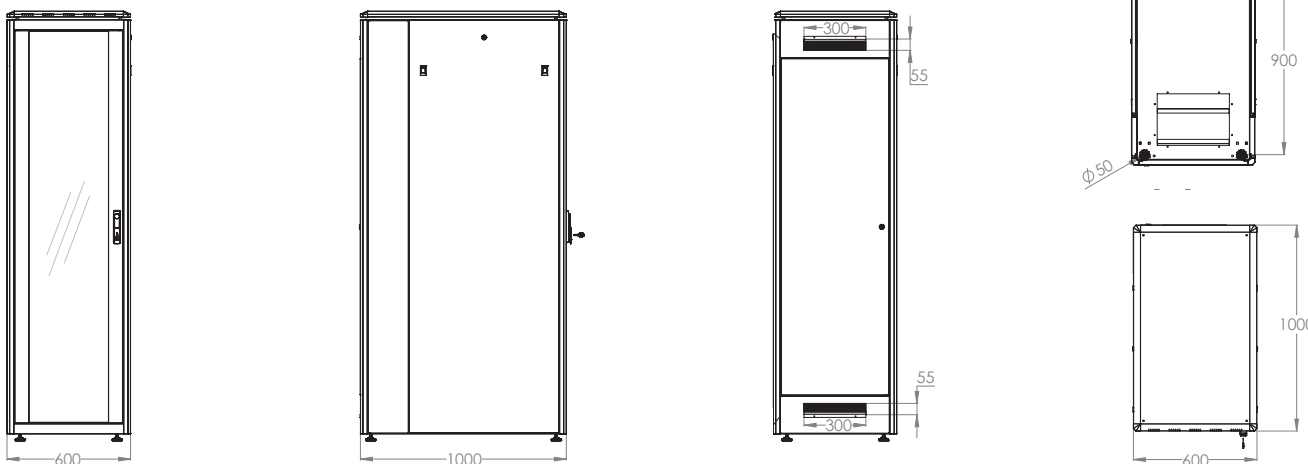
19" DIGITUS® Unique Network Cabinets I 600 mm x 600 mm



19" DIGITUS® Unique Network Cabinets I 600 mm x 800 mm



19" DIGITUS® Unique Network Cabinets I 600 mm x 1000 mm



Product Details Network Cabinets Unique Series 600 mm x 600 mm

Part No.	EAN Code	Unit	Color	RAL	High (mm)	Width (mm)	Depth (mm)	Weight (kg)	Loading capacity (kg)	Dimension between front and rear mounting angle dimension
DN-19 22U-6/6-1	331100	22	light grey	7035	1164	600	600	47,9	800	370 mm
DN-19 22U-6/6-B-1	332220	22	black	9005	1164	600	600	47,9	800	370 mm
DN-19 26U-6/6-1	331131	26	light grey	7035	1342	600	600	52,7	800	370 mm
DN-19 32U-6/6-1	331049	32	light grey	7035	1609	600	600	60,9	800	370 mm
DN-19 32U-6/6-B-1	337959	32	black	9005	1609	600	600	60,9	800	370 mm
DN-19 36U-6/6-1	332299	36	light grey	7035	1787	600	600	66,3	800	370 mm
DN-19 42U-6/6-1	331179	42	light grey	7035	2053	600	600	73,7	800	370 mm
DN-19 42U-6/6-B-1	353317	42	black	9005	2053	600	600	73,7	800	370 mm
DN-19 47U-6/6-1	332657	47	light grey	7035	2276	600	600	80	800	370 mm

Product Details Network Cabinets Unique Series 600 mm x 800 mm

Part No.	EAN Code	Unit	Color	RAL	High (mm)	Width (mm)	Depth (mm)	Weight (kg)	Loading capacity (kg)	Dimension between front and rear mounting angle dimension
DN-19 22U-6/8-1	331117	22	light grey	7035	1164	600	800	64,2	800	570 mm
DN-19 22U-6/8-B-1	332244	22	black	9005	1164	600	800	64,2	800	570 mm
DN-19 26U-6/8-1	331148	26	light grey	7035	1342	600	800	69,8	800	570 mm
DN-19 32U-6/8-1	331155	32	light grey	7035	1609	600	800	79,9	800	570 mm
DN-19 32U-6/8-B-1	332282	32	black	9005	1609	600	800	79,9	800	570 mm
DN-19 36U-6/8-1	332312	36	light grey	7035	1787	600	800	86,4	800	570 mm
DN-19 42U-6/8-1	331056	42	light grey	7035	2053	600	800	90	800	570 mm
DN-19 42U-6/8-B-1	332435	42	black	9005	2053	600	800	90	800	570 mm
DN-19 47U-6/8-1	149132	47	light grey	7035	2276	600	800	99,3	800	570 mm

Product Details Network Cabinets Unique Series 600 mm x 1000 mm

Part No.	EAN Code	Unit	Color	RAL	High (mm)	Width (mm)	Depth (mm)	Weight (kg)	Loading capacity (kg)	Dimension between front and rear mounting angle dimension
DN-19 26U-6/10-1	332251	26	light grey	7035	1342	600	1000	77	800	740 mm
DN-19 42U-6/10-1	332381	42	light grey	7035	2053	600	1000	107	800	740 mm
DN-19 42U-6/10-B-1	332398	42	black	9005	2053	600	1000	107	800	740 mm
DN-19 47U-6/10-1	332640	47	light grey	7035	2244	600	1000	116	800	740 mm

DIGITUS® Network Cabinet Dynamic Basic Series

600 x 600 mm | 600 x 800 mm | 800 x 800 mm

The DIGITUS® Dynamic Basic Series is designed and produced for the high requirements of the IT-infrastructure. The DIGITUS® Network and Server Rack Dynamic Basic Series is developed and produced for cabling and network components. They provide maximum optimization resulted to an optimum performance in between quality and added value. Each cabinet is designed with strength, ease of use and aesthetics in mind. Features such as 1 unit marking on the mounting profiles, easy and quick release of the door and side- and rear panels, fully adjustable front and rear profiles of the cabinet in depth makes the product extremely attractive to installers.



- Safety class IP 40 rating
- Steel front door with safety glass and swing handle lock, lockable
- Side panel lockable
- Double steel rear door lockable
- EMKA lock system
- 120° opening door angle, front- and double rear door
- Door stop easy to change from left to right
- High frame rigidity due to special plate-curving-technique
- 600 kg loading capacity
- 19" profile rails mounted in the front and the back of the cabinet
- 19" profile rails adjustable in depth
- 19" profile rails with unit-marking
- Cable management channels beneath the front 19" profile rails
- Big cable entry with black cellular rubber seal on the bottom
- Cable entry with brush strip at the top and bottom of the cabinet rear wall
- Adjustable feet for safely positioning
- Special roof construction for fan units
- 2 keys for door and side panels included
- Available in light grey color RAL7035 and black color RAL9005
- Several earthing points for rack components
- Rack is completely mounted
- Large equipment is available



Cable entry changeable in ground



Numerous cable glands for the roof



Network Cabinets - Dynamic Basic Series

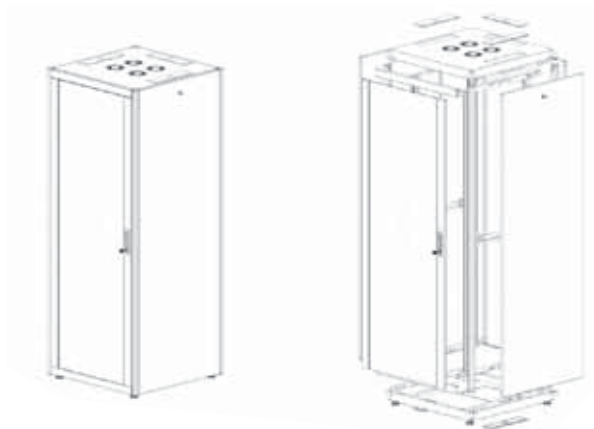


The design of the Dynamic Basic Series is rounded up with the use of a framed smoked safety glass front door fitted with a swing handle lock. Door hinging can be quickly reversed left to right.

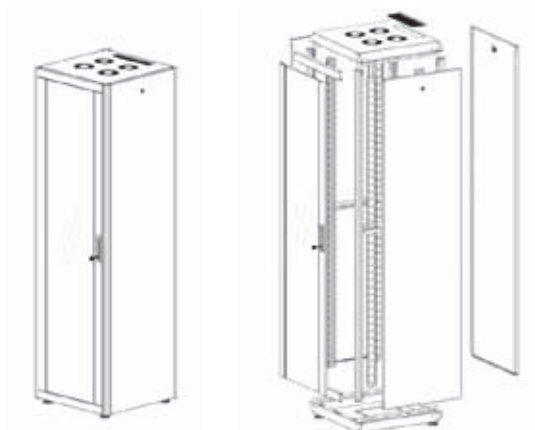
The Dynamic Basic Series is available in different heights from 22 units up to 42 units. A various size of 600 mm, 800 mm and 1000 mm depth are in the portfolio of the Dynamic Basic Series.

Each cabinet includes a lockable glass front door and lockable steel back- and side panels. 2 sets of adjustable mounting profiles and a cable entry at the bottom are equipped. Furthermore the roof is prepared for fan trays. A huge range of DIGITUS® accessories are available to customize the cabinet due to the needs of the end-user.

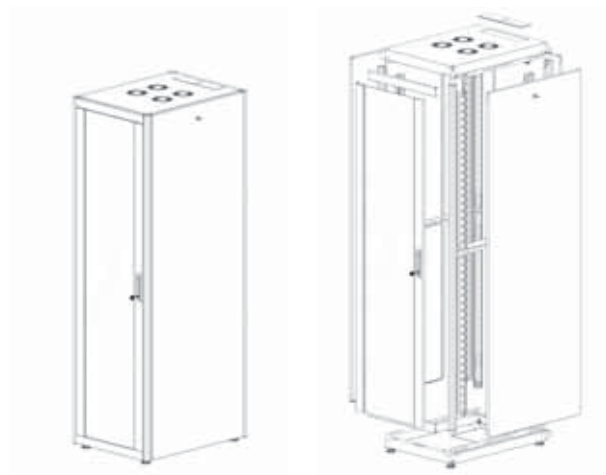
**19" DIGITUS® Dynamic Basic Network Cabinets
800 mm x 800 mm**



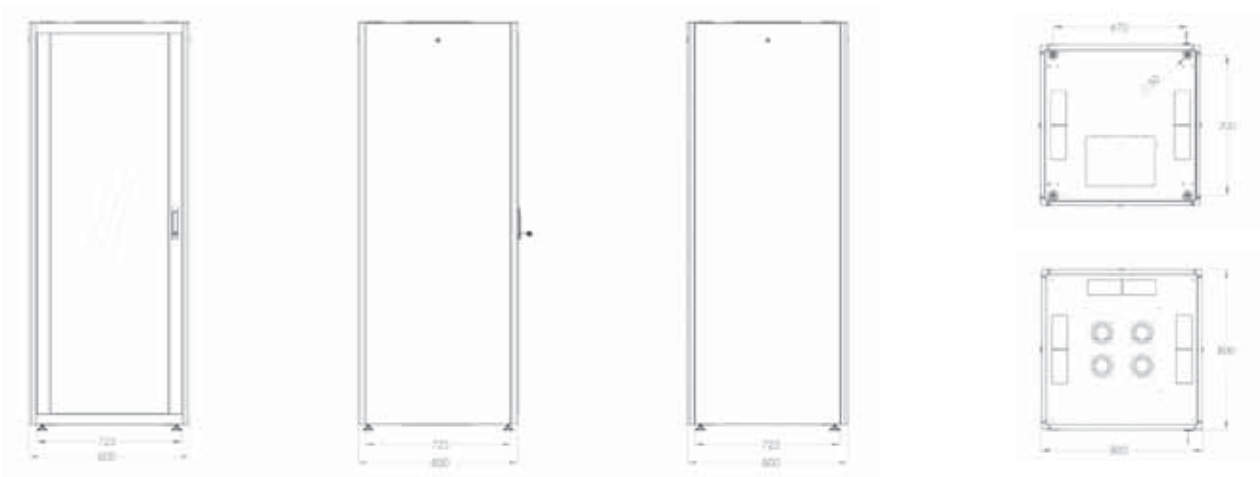
**19" DIGITUS® Dynamic Basic Network Cabinets
600 mm x 600 mm**



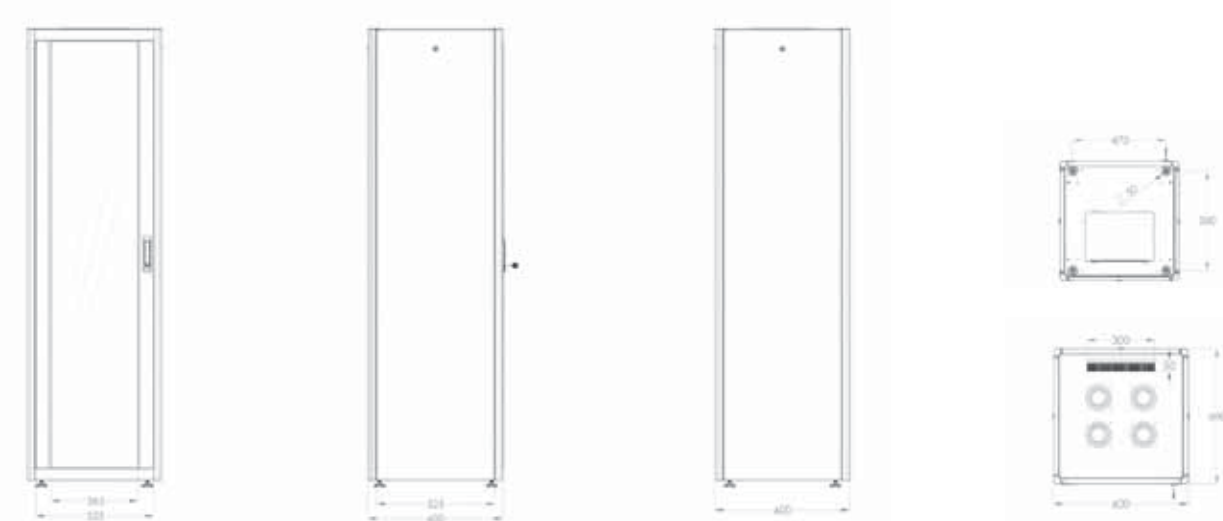
**19" DIGITUS® Dynamic Basic Network Cabinets
600 mm x 800 mm**



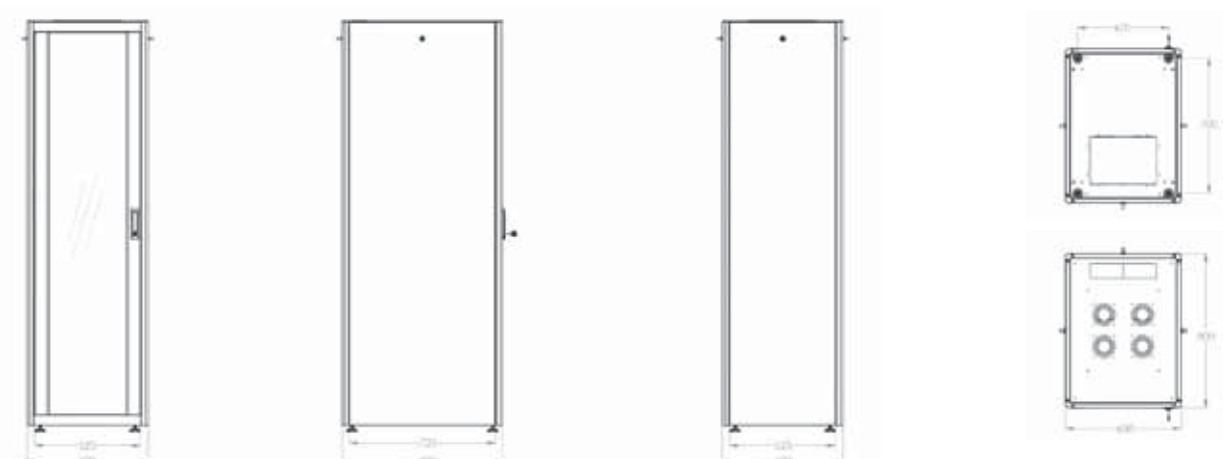
19" DIGITUS® Dynamic Basic Network Cabinets | 800 mm x 800 mm



19" DIGITUS® Dynamic Basic Network Cabinets | 600 mm x 600 mm



19" DIGITUS® Dynamic Basic Network Cabinets | 600 mm x 800 mm



Product Details Network Cabinets Dynamic Basic Series 600 mm width x 600 mm depth

Part No.	EAN Code	Unit	Color	RAL	High (mm)	Width (mm)	Depth (mm)	Weight (kg)	Loading capacity (kg)	Dimension between front and rear mounting angle dimension
DN-19 22U-6/6-D	336433	22	light grey	7035	1125	600	600	38	600	370 mm
DN-19 26U-6/6-D	336440	26	light grey	7035	1300	600	600	45	600	370 mm
DN-19 32U-6/6-D	336457	32	light grey	7035	1560	600	600	55	600	370 mm
DN-19 42U-6/6-D	336464	42	light grey	7035	2010	600	600	72	600	370 mm

Product Details Network Cabinets Dynamic Basic Series 600 mm width x 800 mm depth

Part No.	EAN Code	Unit	Color	RAL	High (mm)	Width (mm)	Depth (mm)	Weight (kg)	Loading capacity (kg)	Dimension between front and rear mounting angle dimension
DN-19 22U-6/8-D	336471	22	light grey	7035	1125	600	800	43	600	570 mm
DN-19 26U-6/8-D	336488	26	light grey	7035	1300	600	800	51	600	570 mm
DN-19 32U-6/8-D	336495	32	light grey	7035	1560	600	800	63	600	570 mm
DN-19 42U-6/8-D	336501	42	light grey	7035	2010	600	800	82	600	570 mm

Product Details Network Cabinets Dynamic Basic Series 800 mm width x 800 mm depth

Part No.	EAN Code	Unit	Color	RAL	High (mm)	Width (mm)	Depth (mm)	Weight (kg)	Loading capacity (kg)	Dimension between front and rear mounting angle dimension
DN-19 32U-8/8-D	336518	32	light grey	7035	1560	800	800	73	600	570 mm
DN-19 42U-8/8-D	336525	42	light grey	7035	2010	800	800	111,3	600	570 mm

DIGITUS® Professional Line Network Cabinets

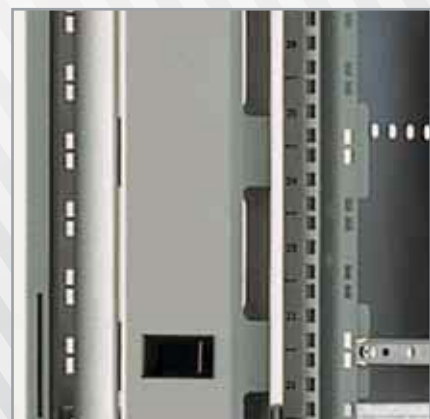


The DIGITUS® network cabinets are made of a robust steel construction with a minimum of seams. Ideal housing for active and passive 483 mm (19") components. The elegant design fits into every modern office or computer centre.

- Network cabinet's, in 780 mm width
- 1.5 mm - 2 mm strong sheet steel with a high loading capacity, powder coated
- Side sections detachable and lockable
- Ventilation slots for active and passive ventilation and exhaustion
- IP 40 rating
- Safety-glass door with steel frame, lockable; optionally available with two openable doors
- Lockable back door with two open able doors
- Loading capacity up to 700 kg
- Up and down numbered 483 mm (19") profiles on the front and back side, adjustable in depth
- Brush cable entries: sidewise on top and bottom, up and down at the rear front
- Cable entry in the middle of the bottom with movable sheet and rubber sealing
- Leveling feet, adjustable in height
- Cable ducts are located in front of the cabinet and mounted left and right at the 438 mm (19") mounting angles
- Roof Module for Ventilation Unit
- Including set of 28 x 483 mm (19") assembly screws
- Complying with international standards IEC 297-1/2 and IEC 917-2-1
- Extensive range of accessoires available



Lockable handle



Vertical cable management on the front for 800 mm width cabinets

Network Cabinets Professional Line



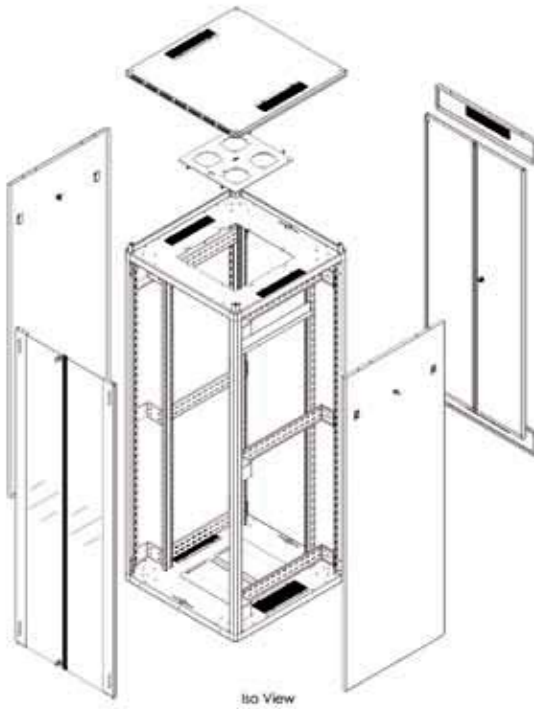
Ventilation slots on the roof



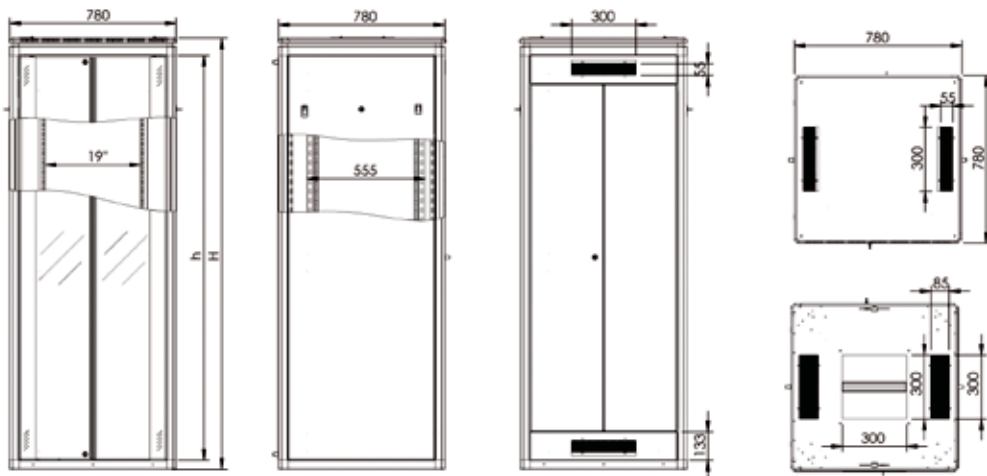
Cable entry on the roof



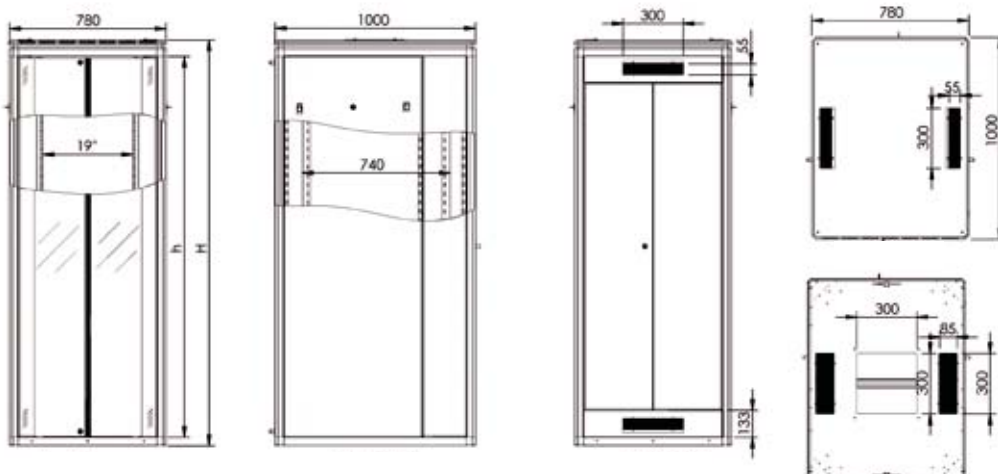
Large cable entries on the bottom



DIGITUS® Professional Line Network Cabinets 780 x 780 mm



DIGITUS® Professional Line Network Cabinets 780 x 1000 mm



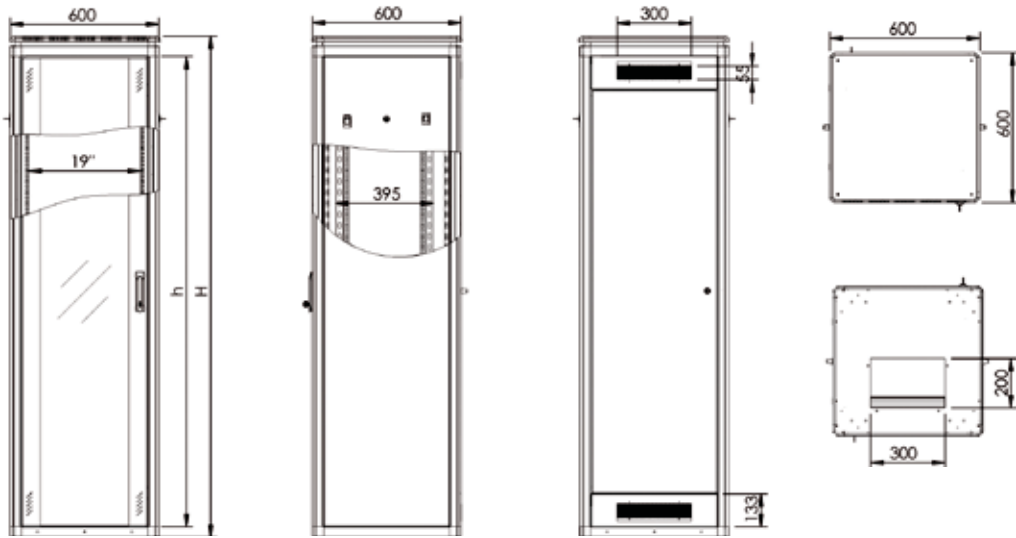
DIGITUS® Professional Line Network Cabinets 780 x 780 mm

Part No.	EAN Code	Unit	Color	RAL	High (mm)	Width (mm)	Depth (mm)	Weight (kg)	Loading capacity (kg)	Dimension between front and rear mounting angle dimension
DN-19 22U-8/8	270676	22	light grey	7035	1131	780	780	71,4	600	545
DN-19 32U-8/8	148241	32	light grey	7035	1576	780	780	101,6	600	545
DN-19 32U-8/8-SW	220534	32	black	9005	1576	780	780	101,6	600	545
DN-19 36U-8/8	148272	36	light grey	7035	1754	780	780	109,8	600	545
DN-19 42U-8/8	135173	42	light grey	7035	2021	780	780	121,8	600	545
DN-19 42U-8/8-C	308072	42	light grey	7035	2021	780	780	115,4	600	545
DN-19 42U-8/8-P	308065	42	light grey	7035	2121	780	780	130,9	600	545
DN-19 42U-8/8-SW	179818	42	black	9005	2021	780	780	121,8	600	545
DN-19 42U-8/8-WS	261629	42	light grey	7035	2021	780	780	121,8	600	545
DN-19 42U-8/8-SF	245711	42	light grey	7035	2021	780	780	121,8	600	545
DN-19 47U-8/8	166733	47	light grey	7035	2244	780	780	129,83	600	545
DN-19 47U-8/8-SW	255352	47	black	9005	2244	780	780	129,83	600	545

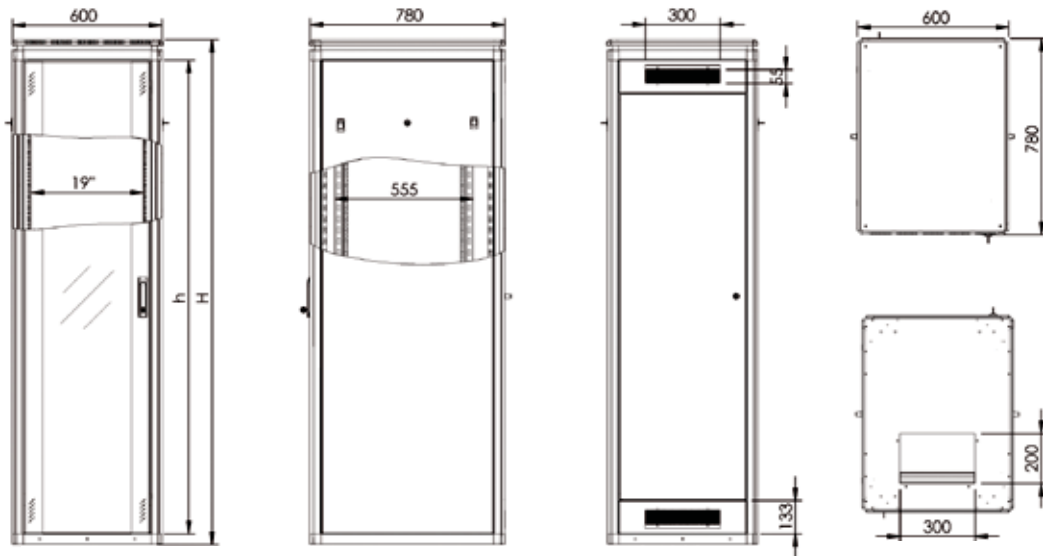
DIGITUS® Professional Line Network Cabinets 780 x 1000 mm

Part No.	EAN Code	Unit	Color	RAL	High (mm)	Width (mm)	Depth (mm)	Weight (kg)	Loading capacity (kg)	Dimension between front and rear mounting angle dimension
DN-19 42U-8/10	205791	42	light grey	7035	2021	780	1000	147	600	740
DN-19 42U-8/10-SW	218395	42	black	9005	2021	780	1000	147	600	740
DN-19 47U-8/10	206415	47	light grey	7035	2244	780	1000	153,2	600	740
DN-19 47U-8/10-SW	255345	47	black	9005	2244	780	1000	153,2	600	740

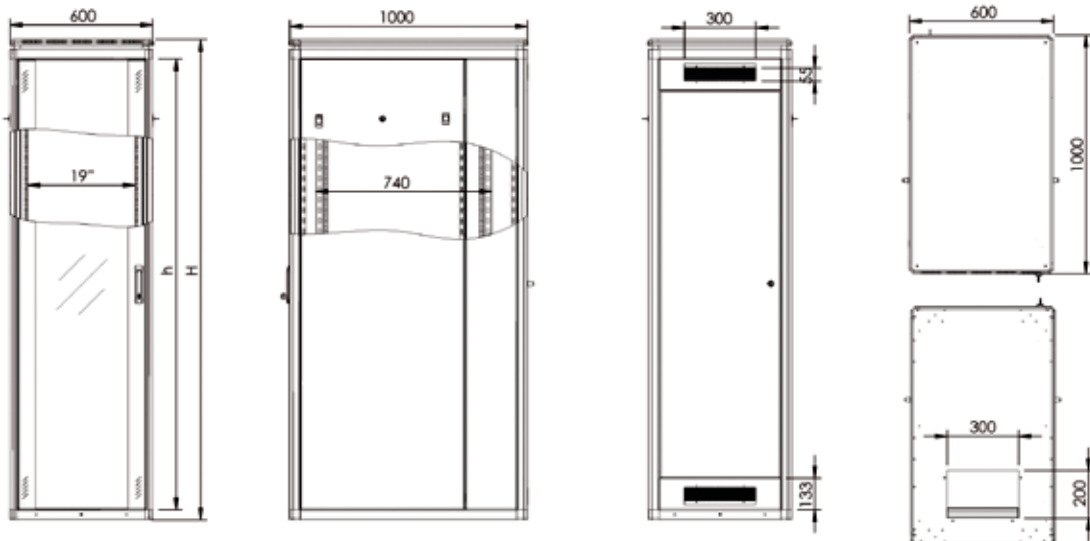
DIGITUS® Professional Line Network Cabinets 600 x 600 mm



DIGITUS® Professional Line Network Cabinets 600 x 780 mm



DIGITUS® Professional Line Network Cabinets 600 x 1000 mm



DIGITUS® Professional Line Network Cabinets 600 x 600 mm

Part No.	EAN Code	Unit	Color	RAL	High (mm)	Width (mm)	Depth (mm)	Weight (kg)	Loading capacity (kg)	Dimension between front and rear mounting angle dimension
DN-19 16U-6/6-S	192473	16	light grey	7035	865	600	600	43	600	390
DN-19 22U-6/6	135050	22	light grey	7035	1131	600	600	53,4	600	390
DN-19 22U-6/6-SW	201113	22	black	9005	1131	600	600	53,4	600	390
DN-19 26U-6/6	135678	26	light grey	7035	1309	600	600	58,2	600	390
DN-19 26U-6/6-SW	201113	26	black	9005	1309	600	600	58,2	600	390
DN-19 32U-6/6	135142	32	light grey	7035	1576	600	600	67,2	600	390
DN-19 32U-6/6-SW	149422	32	black	9005	1576	600	600	67,2	600	390
DN-19 36U-6/6	148258	36	light grey	7035	1754	600	600	67,2	600	390
DN-19 36U-6/6-SW	255291	36	black	9005	1754	600	600	73,2	600	390
DN-19 42U-6/6	135159	42	light grey	7035	2021	600	600	81	600	390
DN-19 42U-6/6-SW	196549	42	black	9005	2021	600	600	81	600	390
DN-19 47U-6/6	205357	47	light grey	7035	2244	600	600	90,23	600	390
DN-19 47U-6/6-SW	255314	47	black	9005	2244	600	600	90,23	600	390

DIGITUS® Professional Line Network Cabinets 600 x 780 mm

Part No.	EAN Code	Unit	Color	RAL	High (mm)	Width (mm)	Depth (mm)	Weight (kg)	Loading capacity (kg)	Dimension between front and rear mounting angle dimension
DN-19 22U-6/8	147121	22	light grey	7035	1131	600	780	62,43	600	390
DN-19 22U-6/8-SW	179993	22	black	9005	1131	600	780	62,43	600	390
DN-19 26U-6/8	135685	26	light grey	7035	1309	600	780	68,83	600	390
DN-19 26U-6/8-SW	201113	26	black	9005	1309	600	780	68,83	600	390
DN-19 32U-6/8	147114	32	light grey	7035	1576	600	780	80,23	600	390
DN-19 32U-6/8-SW	149422	32	black	9005	1576	600	780	80,23	600	390
DN-19 36U-6/8	148265	36	light grey	7035	1754	600	780	87	600	390
DN-19 36U-6/8-SW	255291	36	black	9005	1754	600	780	87	600	390
DN-19 42U-6/8	135166	42	light grey	7035	2021	600	780	95,83	600	390
DN-19 42U-6/8-SW	196549	42	black	9005	2021	600	780	95,83	600	390
DN-19 47U-6/8	141587	47	light grey	7035	2244	600	780	106,63	600	390
DN-19 47U-6/8-SW	255314	47	black	9005	2244	600	780	106,63	600	390

DIGITUS® Professional Line Network Cabinets 600 x 1000 mm

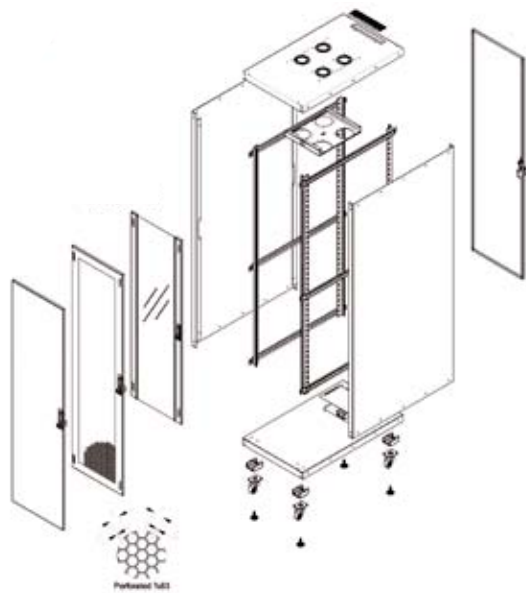
Part No.	EAN Code	Unit	Color	RAL	High (mm)	Width (mm)	Depth (mm)	Weight (kg)	Loading capacity (kg)	Dimension between front and rear mounting angle dimension
DN-19 26U-6/10	211129	26	light grey	7035	1309	600	1000	82,6	600	740
DN-19 26U-6/10-SW	255277	26	black	9005	1309	600	1000	82,6	600	740
DN-19 42U-6/10	205371	42	light grey	7035	2021	600	1000	113,8	600	740
DN-19 42U-6/10-SW	218388	42	black	9005	2021	600	1000	113,8	600	740
DN-19 47U-6/10	205807	47	light grey	7035	2244	600	1000	125	600	740
DN-19 47U-6/10-SW	255338	47	black	9005	2244	600	1000	125	600	740
DN-19 47U-8/10-SW	255345	47	black	9005	2244	780	1000	153,2	600	740



Network Cabinets, unmounted

The unmounted DIGITUS® 483 mm (19") network cabinets save space and minimize the shipping costs. The easily identifiable parts ensure a rapid assembly. The network cabinets are made of a robust steel construction with a minimum of seams. Ideal housing for active and passive 483 mm (19") components. The elegant design fits into every modern office or computer centre.

- 1.5 mm - 2 mm strong sheet steel with a high loading capacity, powder coated
- Non opening side sections are used as upright frames (unique body) give additional stability
- Ventilation slots for active and passive ventilation and exhaustion
- IP 20 rating
- Safety-glass door with steel frame, lockable
- Back door lockable
- Loading capacity up to 400 kg
- Up and down numbered 483 mm (19") profiles on the front and back side, adjustable in depth
- Cable entry in the back side of the bottom with movable sheet and rubber sealing
- Levelling feet, adjustable in height
- Roof module for ventilation unit
- Including set of 28 x 483 mm (19") assembly screws
- IEC 297-2, DIN 41494/Part 7, DIN 41491/Part 1, EN 60950, VDE 0100
- Extensive range of accessories available



Unmounted flatpack version

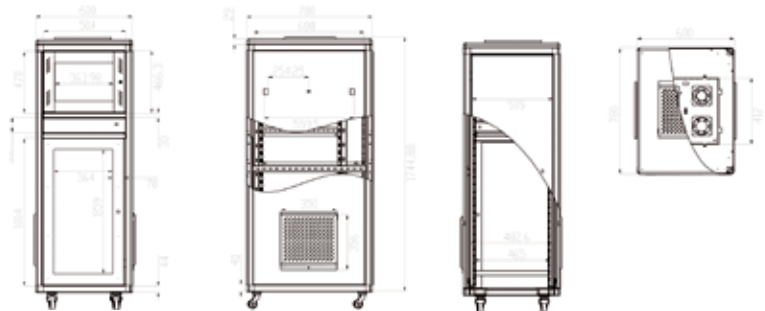
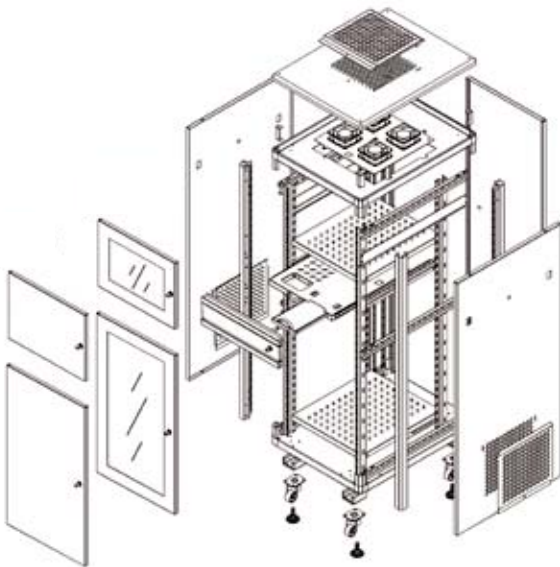


Part No.	EAN Code	U	Color	RAL	Height (mm)	Width (mm)	Depth	Weight (kg)	Loading capacity (kg)	Free space between front door & mounting angle dimension (mm)	Free space between rear door & mounting angle dimension (mm)	Dimension between front and rear mounting angle dimension (mm)
DN-19 22U-6/6-EC-1	330974	22	light grey	7035	1164	600	600	52,4	400	60	80	370
DN-19 32U-6/6-EC-1	332275	32	light grey	7035	1609	600	600	66,4	400	60	80	370
DN-19 42U-6/6-EC-1	332411	42	light grey	7035	2053	600	600	84	400	60	80	370
DN-19 22U-6/8-EC-1	330981	22	light grey	7035	1164	600	800	60	400	70	90	570
DN-19 32U-6/8-EC-1	332466	32	light grey	7035	1609	600	800	78,6	400	70	90	570
DN-19 42U-6/8-EC-1	332428	42	light grey	7035	2276	600	800	100	400	70	90	570



Industrial PC Cabinets

- 1.5 mm - 2 mm strong sheet steel with high load capacity
- Color light grey RAL 7035
- Side sections detachable and lockable
- Ventilation slots for active and passive ventilation and exhaustion
- Protection rating IP 40
- Perforated steel front door, opening angle 180° with lockables wing handle
- Spring-mounted hinges enable easy installation of the door or door change
- Loading capacity up to 600 Kg
- Up and down numbered 483 mm (19") profiles on the front and back side, adjustable in depth
- Large cable entry with rubber-edged sliding mechanism on the floor
- Cable feeds with brush strips
- Lockable and sliding keyboard drawer
- Height-adjustable levelling feet for the equalisation of uneven floors
- Roof module for ventilation unit
- Extensive range of accessories available



Part No.	EAN Code	feature	U	Color	RAL	Height (mm)	Width (mm)	Depth	Weight (kg)	Loading capacity (kg)	Free space between front door & mounting angle dimension (mm)	Free space between rear door & mounting angle dimension (mm)	Dimension between front and rear mounting angle Dimension (mm)
DN-19 36U-6/8-PC	211365	glas front door	36	light grey	7035	1744	600	800	105	600	93	110	555
DN-19 36U-6/8-PC-SD	227205	steel front door	36	light grey	7035	1744	600	800	105	600	93	110	555

DIGITUS® Server Cabinet Unique Series

600, 800 mm width - 1000 mm depth

The DIGITUS® Server Cabinet Unique Series is designed and produced for the safe housing of server equipment. They provide maximum optimization resulted to an optimum performance in between quality and added value. Each cabinet is designed with strength, ease of use and aesthetics in mind. The Unique Series is available in 4 heights, from 26 units up to 47 units, and a choice of either 600 mm or 800 mm width, depth is 1000 mm. The Unique Series is ideal for small and midsize server rooms through to multi Datacenter installations. The strength of the cabinet is the modular frame construction, which makes the cabinet very robust. Key elements include air flow (high perforation 63 %) and cooling management (ventilation).



- Safety class rating IP20
- 63 % perforated steel front- and rear door with swing handle lock and profile zylinder
- 4-point locking system front door, 3-point locking system rear door
- Side panels lockable
- EMKA key no. 333 (front- and rear door)
- EMKA key no. 9081 (side panels)
- 230° opening door angle, front- and rear door
- Door stop is easy to change
- Modular aluminum frame construction
- High frame rigidity due to special plate-curving-technique
- Steel plate 1.5 mm
- 1000 kg loading capacity
- 19" profile rails mounted in the front and the back of the cabinet
- 19" profile rails adjustable in depth
- 19" profile rails with unit-marking
- Big cable entry with black cellular rubber seal on the bottom and roof module
- Adjustable feet for safely constructioning and positioning
- 4 rolls, front lockable
- Construction of roof ventilation for fan units
- 2 keys for door and side panels included
- Available in light grey color RAL7035 and black color RAL9005
- Several earthing points for mounting components
- Rack is completely mounted
- Large range of equipment available

Casters included

**Ready for profile
halfzylinder connection**



3-point locking system



Lockable handle



Server Cabinet - Unique Series



The Unique Series ensures easy access to equipment due to quick release side panels as well as the front and rear door. Each cabinet consists of two sets of heavy duty 19" mounting profiles, which can be adjusted throughout the depth of the cabinet. Between these profiles are 4 sets of front to rear strength members.

The Series come up with a carrying capacity up to 1000 kg. The swing handle lock incorporates a 4-point lock on front and a 3-point lock on back side of the cabinet. All in all the Unique Server cabinet is the perfect solution for your server room.



Lateral panel increases stability



Up and down numbered 19" profiles

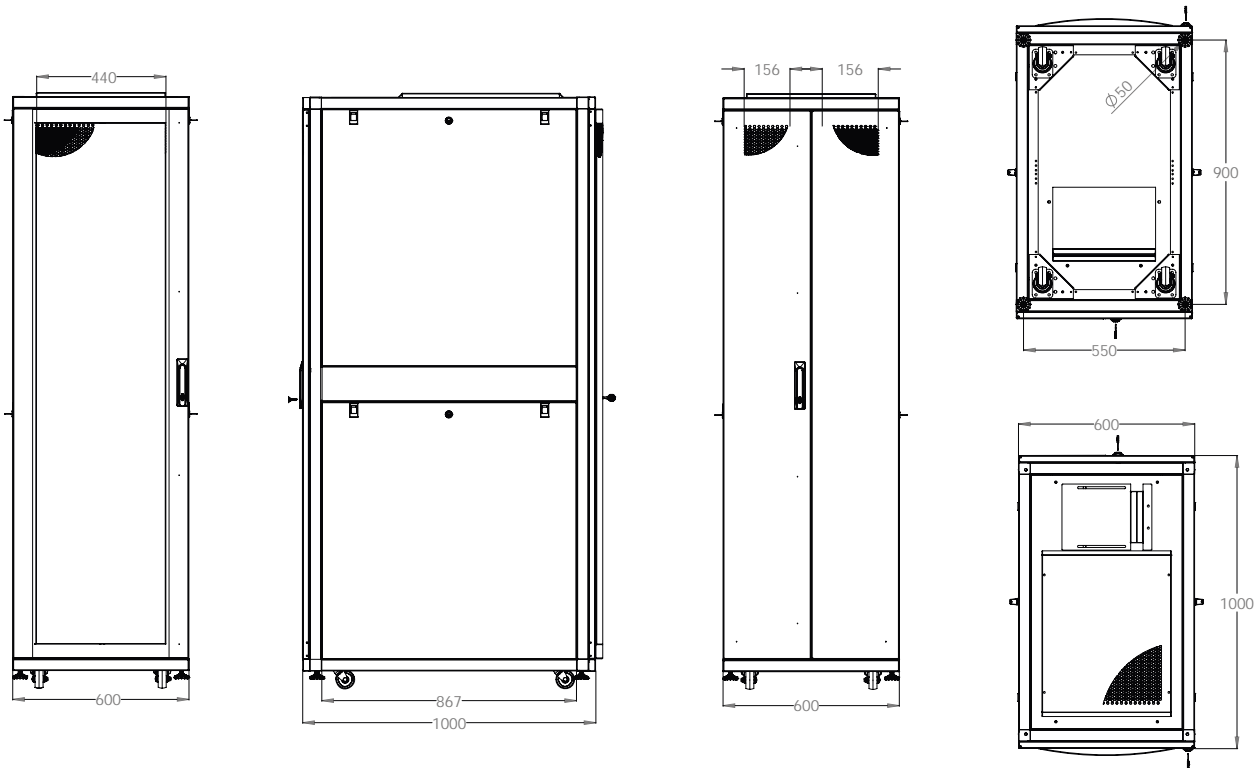


Cable entry on bottom

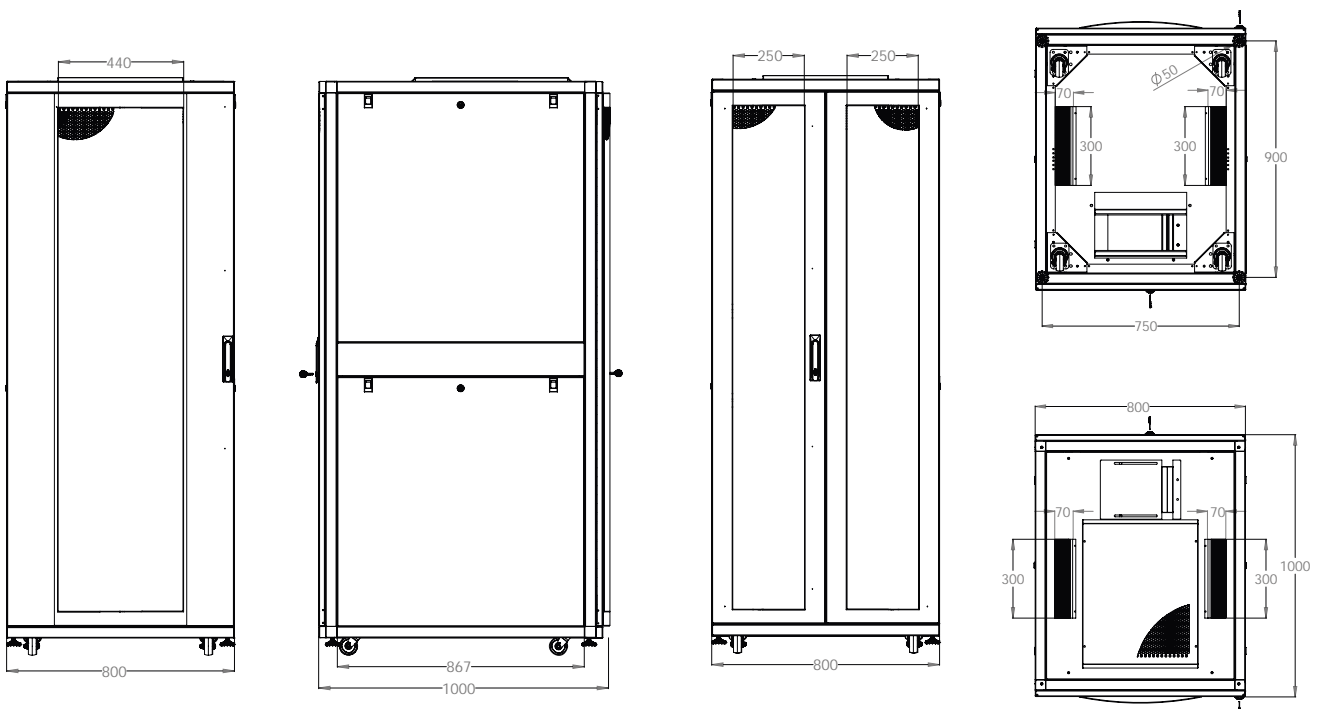


Fan module unit on the roof

19" DIGITUS® Unique Server Cabinets | 600 mm x 1000 mm



19" DIGITUS® Unique Server Cabinets | 800 mm x 1000 mm



Product Details Server Cabinets Unique Serie 600 mm x 1000 mm

Part No.	EAN Code	Features	Unit	Color	RAL	High (mm)	Width (mm)	Depth (mm)	Weight (kg)	Loading capacity (kg)	Dimension between front and rear mounting angle dimension
DN-19 SRV-26U-1	331339		26	light grey	7035	1342	600	1000	70	1000	740 mm
DN-19 SRV-26U-B-1	332503		26	black	9005	1342	600	1000	70	1000	740 mm
DN-19 SRV-26U-B-G-1	332497	glass door	26	black	9005	1342	600	1000	70	1000	740 mm
DN-19 SRV-26U-GD-1	334231	glass door	26	light grey	7035	1342	600	1000	70	1000	740 mm
DN-19 SRV-36U-1	332527		36	light grey	7035	1787	600	1000	97,2	1000	740 mm
DN-19 SRV-36U-B-1	332541		36	black	9005	1787	600	1000	97,2	1000	740 mm
DN-19 SRV-36U-B-G	332534	glass door	36	black	9005	1787	600	1000	97,2	1000	740 mm
DN-19 SRV-36U-G-1	332510	glass door	36	light grey	7035	1787	600	1000	97,2	1000	740 mm
DN-19 SRV-42U-B-1	332404		42	black	9005	1970	600	1000	114	1000	740 mm
DN-19 SRV-42U-B-GD-1	332596	glass door	42	black	9005	1970	600	1000	114	1000	740 mm
DN-19 SRV-42U-GD-1	332589	glass door	42	light grey	7035	1970	600	1000	114	1000	740 mm
DN-19 SRV-42U-N-1	334248		42	light grey	7035	1970	600	1000	114	1000	740 mm
DN-19 SRV-47U-GD-1	333135	glass door	47	light grey	7035	2240	600	1000	127	1000	740 mm

Product Details Server Cabinets Unique Serie 800 mm x 1000 mm

Part No.	EAN Code	Features	Unit	Color	RAL	High (mm)	Width (mm)	Depth (mm)	Weight (kg)	Loading capacity (kg)	Dimension between front and rear mounting angle dimension
DN-19 SRV-42U-8-B	331766		42	black	9005	1970	800	1000	128	1000	740 mm
DN-19 SRV-42U-8-B-GD	336600	glass door	42	black	9005	1970	800	1000	128	1000	740 mm
DN-19 SRV-42U-8-N-1	334224		42	light grey	7035	1970	800	1000	128	1000	740 mm
DN-19 SRV-47U-8-1	333111		47	light grey	7035	2240	800	1000	145	1000	740 mm
DN-19 SRV-47U-8-B-1	333128		47	black	9005	2240	800	1000	145	1000	740 mm
DN-19 SRV-47U-8-GD-1	333104	glass door	47	light grey	7035	2240	800	1000	145	1000	740 mm

DIGITUS® Server Cabinet Dynamic Basic Series

600, 800 mm width - 1000 mm depth

The DIGITUS® Dynamic Basic Series is designed and produced for the high requirements of the IT-infrastructure. The DIGITUS Network and Server Rack Dynamic Basic Series is developed and produced for cabling and network components. They provide maximum optimization resulted to an optimum performance in between quality and added value. Each cabinet is designed with strength, ease of use and aesthetics in mind. Features such as 1 unit marking on the mounting profiles, easy and quick release of the door and side- and rear panels, fully adjustable front and rear profiles of the cabinet in depth makes the product extremely attractive to installers. The incredible design of the Dynamic Basic Series is rounded up with the use of a framed smoked safety glass front door fitted with a swing handle lock. Door hinging can be quickly reversed left to right.



- IP20 rating
- Steel front door with 4,00 mm safety glass and swing handle lock
- Side- and back panel lockable
- EMKA closing
- 120° opening door angle
- Door hinging can reversed left to right
- High frame rigidity due to special plate-curving-technique
- 600 kg loading capacity
- 19" profile rails mounted in the front and the back of the cabinet
- 19" profile rails adjustable in depth
- 19" profile rails with unit-marking
- 19" profile rails with 8-12 micron zinc plating for corrosion resistance
- Big cable entry with knock out panel stayle on the bottom
- Adjustable feet for positioning
- Top case ready for fan units
- 2 keys for door and side panels included
- Available in light grey color RAL7035 and black color RAL9005
- Several earthing points for mounting components
- Delivery occur completely mounted
- Large range of equipment available



Large cable entries on the bottom

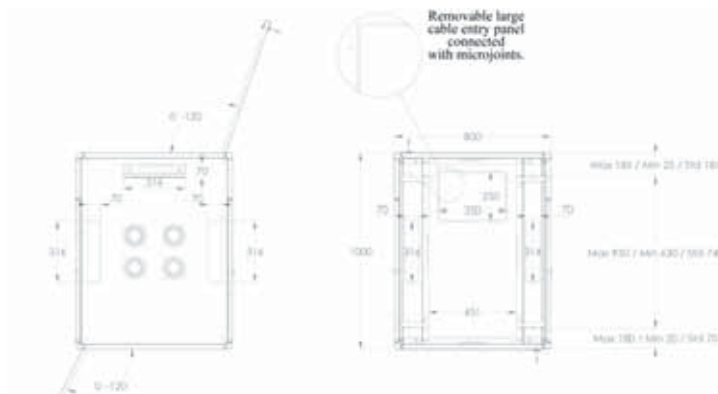
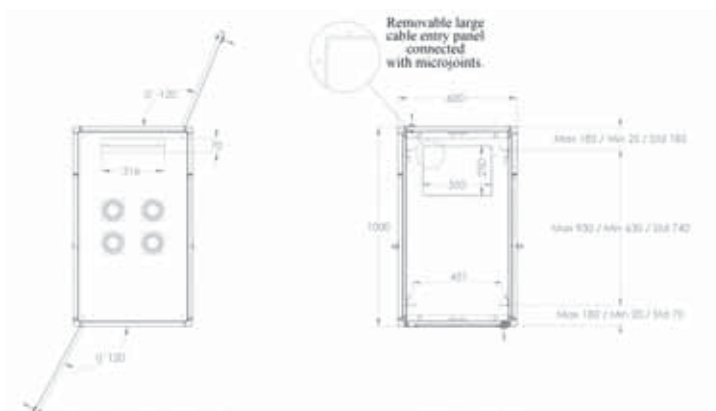
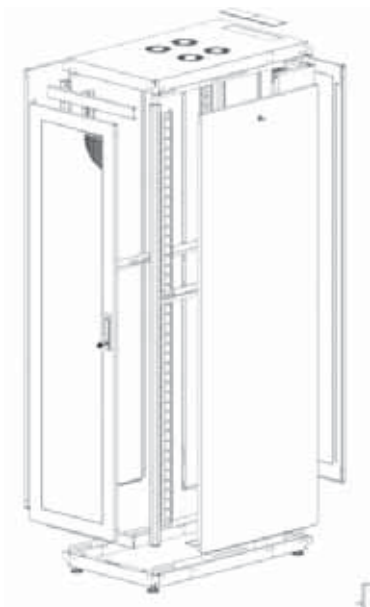


Ventilation slots on the roof



Server Cabinet - Dynamic Basic Series

19" DIGITUS® Dynamic Basic Server Cabinets



Product Details Server Cabinets Dynamic Basic Serie 600 mm x 1000 mm

Part No.	EAN Code	Unit	Color	RAL	High (mm)	Width (mm)	Depth (mm)	Weight (kg)	Loading capacity (kg)	Dimention between front and rear mounting angle dimension
DN-19 SRV-26U-D	336532	26	light grey	7035	1260	600	1000	80,5	600	740 mm
DN-19 SRV-42U-D	336549	42	light grey	7035	1970	600	1000	112,9	600	740 mm

Product Details Server Cabinets Dynamic Basic Serie 800 mm x 1000 mm

Part No.	EAN Code	Unit	Color	RAL	High (mm)	Width (mm)	Depth (mm)	Weight (kg)	Loading capacity (kg)	Dimention between front and rear mounting angle dimension
DN-19 SRV-42U-8-D	336556	42	light grey	7035	1970	800	1000	136,7	600	740 mm

DIGITUS® Professional Line Server Cabinets



The DIGITUS® server cabinets are especially suitable for server and switches with high installation depth. The reasoned construction ensures an effectively air circulation and cooling for installed devices. The cabinet can be taken apart for easy entry in small rooms.

- 1.5 mm - 2 mm strong sheet steel with a high loading capacity, powder coated
- Side sections detachable and lockable
- Ventilation slots for active and passive ventilation and exhaustion
- Protection rating IP 20
- 60 % perforated steel front door, with lockables wing handle
- 60 % perforated double-wing steel rear doors, with lockables wing handle
- Spring-mounted hinges enable easy installation of the door or door change
- 3-point locking system, optionally available with cylinder lock
- Suitable for all server types with 483 mm (19") mounting
- Up to 1000 kg carrying capacity
- Up and down numbered 483 mm (19") profiles on the front and back side, adjustable in depth
- Large cable entry with rubber-edged sliding mechanism on the floor
- Height-adjustable levelling feet for the equalisation of uneven floors
- Caters for better mobility
- Tilt-prevention mechanism when pulling out servers
- Roof module for ventilation unit
- Including set of 28 x 483 mm (19") assembly screws
- Complying with international standards IEC 297-1/2 and IEC 917-2-1
- Extensive range of accessories available

Incl. fixed castors



Ventilation slots on the roof



3-point locking system



Up & down numbered 483 mm (19") profiles



Server Cabinets - Professional Line



Lockable handle



Tilt prevention mechanism

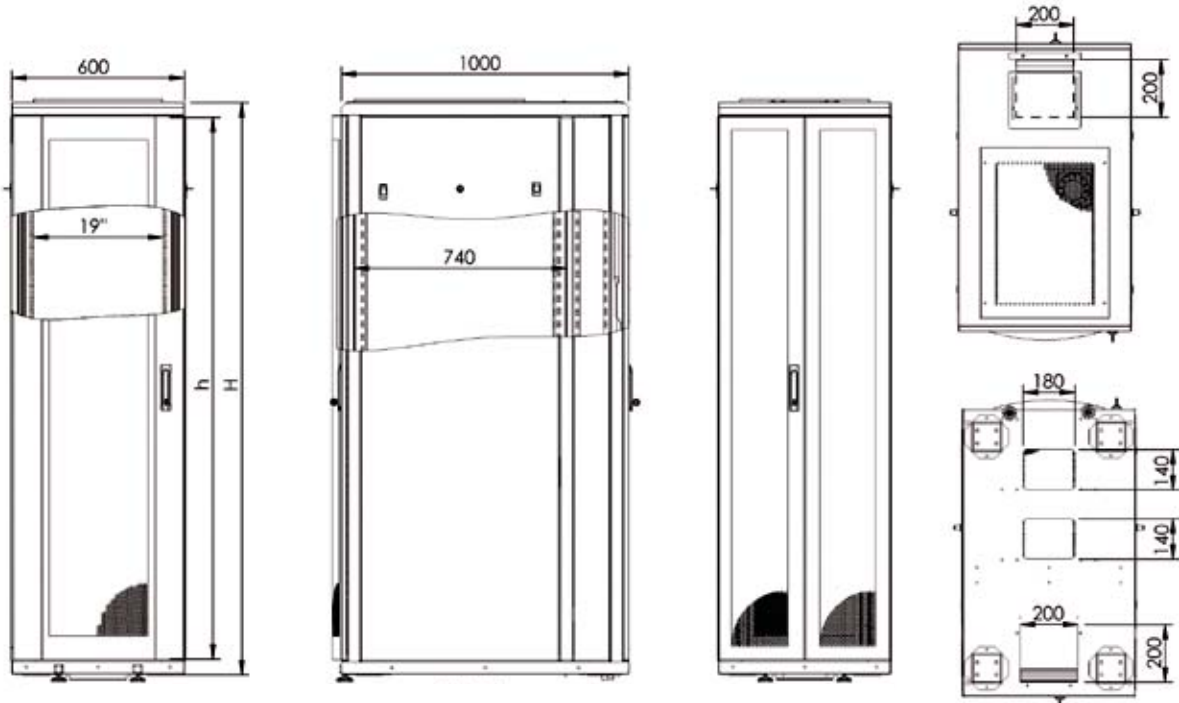


2 door opening back doors

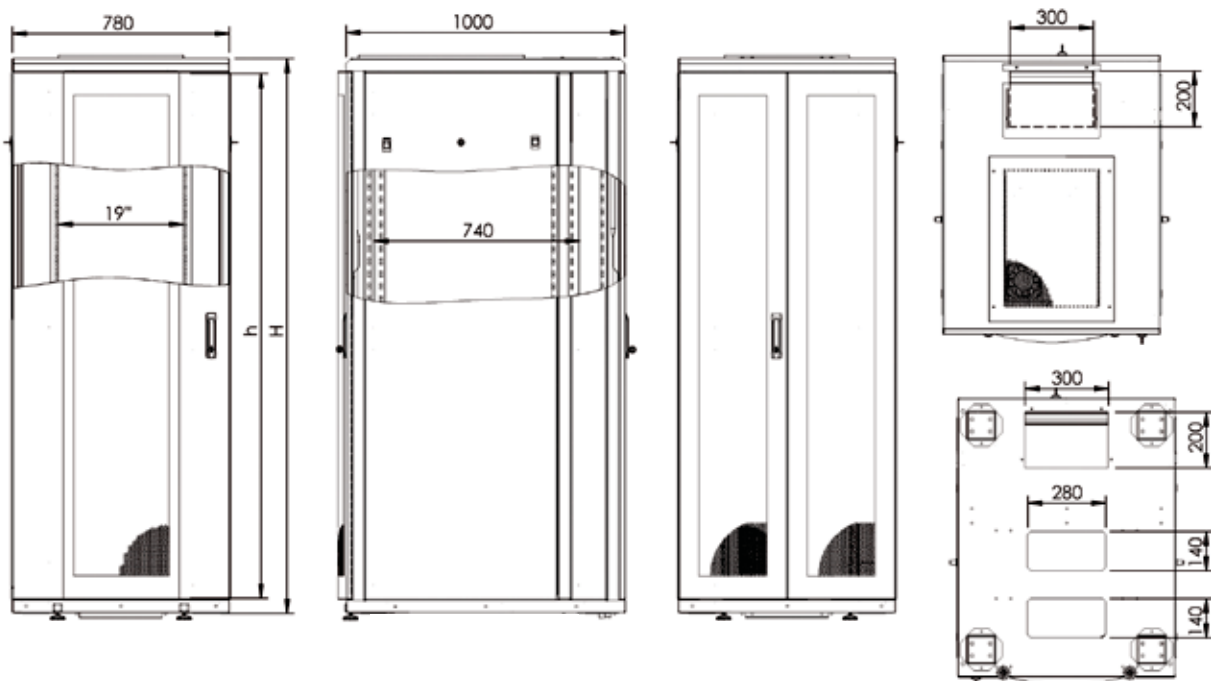


Ready to install filter mat

19" DIGITUS® Server Cabinets Professional Line I 600 mm width x 1000 mm depth



19" DIGITUS® Server Cabinets Professional Line I 780 mm width x 1000 mm depth



Product Details Server Cabinets Professional Line I 600 mm width x 1000 mm depth

Part No.	EAN Code	Feature	U	Color	RAL	Height (mm)	Width (mm)	Depth	Weight (kg)	Loading capacity (kg)	Free space between front door & mounting angle dimension (mm)	Free space between rear door & mounting angle dimension (mm)	Dimension between front and rear mounting angle Dimension (mm)
DN-19 SRV-26U-N	182979	60 % perforated front & 2 door opening backdoors	26	light grey	7035	1338	600	1000	98,2	1000	55	160	740
DN-19 SRV-26U-SW-N	184171	60 % perforated front & 2 door opening backdoors	26	black	9005	1338	600	1000	98,2	1000	55	160	740
DN-19 SRV-26U-GD	157915	plexi glas front door, 60 % perforated 2door opening back doors	26	light grey	7035	1338	600	1000	98,2	1000	55	160	740
DN-19 SRV-26U-SW-GD	169604	plexi glas front door, 60 % perforated 2door opening back doors	26	black	9005	1338	600	1000	98,2	1000	55	160	740
DN-19 SRV-36U-N	217732	60 % Perforierte Front & 2door opening back doors	36	light grey	7035	1782	600	1000	119,4	1000	55	160	740
DN-19 SRV-36U-SW-GD	228721	plexi glas front door, 60 % perforated 2door opening back doors	36	black	9005	1782	600	1000	119,4	1000	55	160	740
DN-19 SRV-42U-N	182962	60 % perforated front & 2 door opening backdoors	42	light grey	7035	2049	600	1000	134,4	1000	55	160	740
DN-19 SRV-42U-SW-N	183488	60 % perforated front & 2 door opening backdoors	42	black	9005	2049	600	1000	134,4	1000	55	160	740
DN-19 SRV-42U-GD	145608	plexi glas front door, 60 % perforated 2door opening back doors	42	light grey	7035	2049	600	1000	134,4	1000	55	160	740
DN-19 SRV-42U-SW-GD	174318	plexi glas front door, 60 % perforated 2door opening back doors	42	black	9005	2049	600	1000	134,4	1000	55	160	740
DN-19 SRV-47U-N	205833	60 % perforated front & 2 door opening backdoors	47	light grey	7035	2272	600	1000	147,4	1000	55	160	740
DN-19 SRV-47U-SW-N	205869	60 % perforated front & 2 door opening backdoors	47	black	9005	2272	600	1000	147,4	1000	55	160	740
DN-19 SRV-47U-GD	211006	plexi glas front door, 60 % perforated 2door opening back doors	47	light grey	7035	2272	600	1000	147,4	1000	55	160	740

Product Details Server Cabinets Professional Line I 780 mm width x 1000 mm depth

Part No.	EAN Code	Feature	U	Color	RAL	Height (mm)	Width (mm)	Depth	Weight (kg)	Loading capacity (kg)	Free space between front door & mounting angle dimension (mm)	Free space between rear door & mounting angle dimension (mm)	Dimension between front and rear mounting angle Dimension (mm)
DN-19 SRV-42U-8-N	182986	60 % perforated front & 2 door opening backdoors	42	light grey	7035	2049	780	1000	170	1000	40	173	740
DN-19 SRV-42U-8-SW-N	186151	60 % perforated front & 2 door opening backdoors	42	black	9005	2049	780	1000	170	1000	40	173	740
DN-19 SRV-42U-8-GD	170150	plexi glas front door, 60 % perforated 2door opening back doors	42	light grey	7035	2049	780	1000	170	1000	40	173	740
DN-19 SRV-42U-8-SW-GD	174318	plexi glas front door, 60 % perforated 2door opening back doors	42	black	9005	2049	780	1000	170	1000	40	173	740
DN-19 SRV-47U-8-N	205845	60 % perforated front & 2 door opening backdoors	47	light grey	7035	2272	780	1000	176,4	1000	40	173	740
DN-19 SRV-47U-8-SW-N	205852	60 % perforated front & 2 door opening backdoors	47	black	9005	2272	780	1000	176,4	1000	40	173	740
DN-19 SRV-47U-8-GD	211105	plexi glas front door, 60 % perforated 2door opening back doors	47	light grey	7035	2272	780	1000	176,4	1000	40	173	740
DN-19 SRV-47U-8-SW-G	211082	plexi glas front door, 60 % perforated 2door opening back doors	47	black	9005	2272	780	1000	176,4	1000	40	173	740



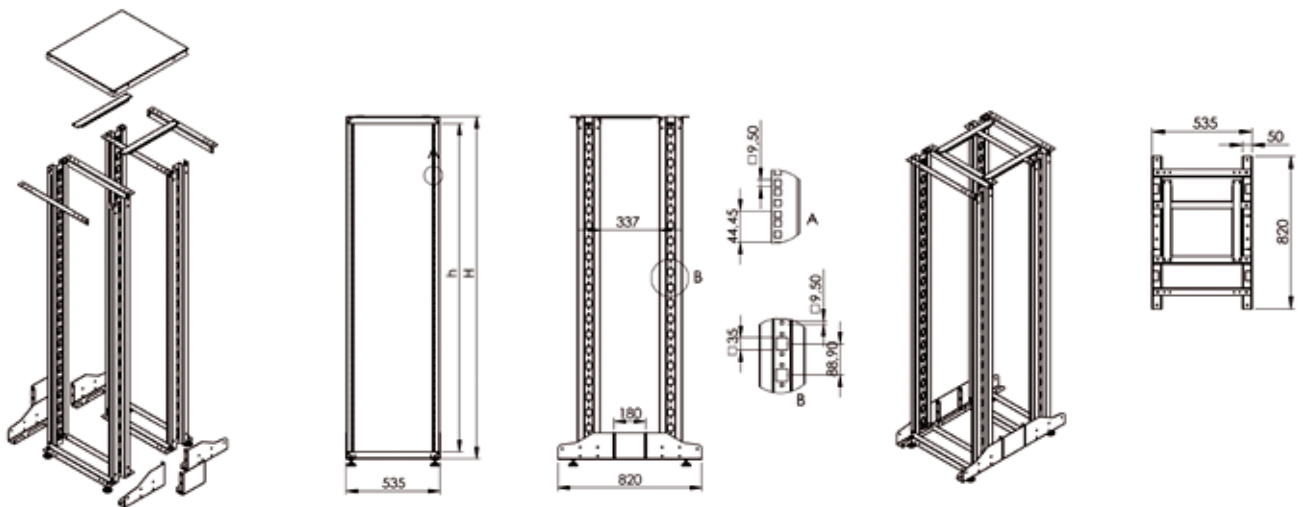
DIGITUS® Relay Rack

The DIGITUS® Relay racks offer a safe installation of components. The torsion-resistant frame of 2 mm steel sheet ensures highest stability.

In order to allow a cost-effective transportation we deliver the relay racks in an unmounted way.

- Universal mounting options on each profile
- 42 Units
- 2mm steel sheet
- Adjustable mounting and levelling feet
- Inside height: 1870 mm
- Package dimensions: 1965 x 175 x 150 mm

**Unmounted
flatpack version**



Part No.	EAN Code	Feature	U	Color	RAL	Height (mm)	Width (mm)	Depth	Weight (kg)	Loading capacity (kg)	Dimension between front and rear mounting angle (mm)
DN-19 42U-S	189879	individual frame, 600 mm rack depth	42	light grey	7035	1981	536	600	19	200	-
DN-19 42U-S-SW	257011	individual frame, 600 mm rack depth	42	black	9005	1981	536	600	19	200	-
DN-19 42U-D	189893	double frame, 800 mm rack depth	42	light grey	7035	1981	536	800	35,5	250	337
DN-19 42U-D-SW	256991	double frame, 800 mm rack depth	42	black	9005	1981	536	800	35,5	250	337
DN-19 42U-D-SRV	236498	double frame, 1000 mm rack depth	42	light grey	7035	1981	536	1000	36,6	250	337
DN-19 42U-D-SRV-SW	257004	double frame, 1000 mm rack depth	42	black	9005	1981	536	1000	36,6	250	337



SOUNDproof Cabinets

DIGITUS® 19" SOUNDproof Cabinets

The DIGITUS® 19" SOUNDproof cabinets are designed to perform the absorption of the created noise from the active equipments mounted inside the cabinet. With this superior sound reduction and its wooden concept finish, available as maple, teak, walnut, oak, cherry or beech version, it fits perfectly to the office environment. Thus, this product range is developed for various offices, banks, hospitals, laboratories, hotels or conference rooms.

The SOUNDproof cabinets are equipped with the most silent fan ventilation system, max 29-30 dB noise levels, to support the main activity of noise reduction performance. It is designed with 750 mm width and 1130 depth and is available in different heights of 17U, 32U and 42U.



- Reduces noise from mounted equipment in the inside
- Wooden concept finish in maple, teak, walnut, oak, cherry or beech style
- Silent fan ventilation system, max 29-30 dB(A)
- 750 mm width, 1130 mm depth
- Available as 17U, 32U and 42U
- Metal parts standard color black RAL 9005
- Loading capacity: 1000 kg
- Cable entry integrated in the bottom case
- Double opening front door with barrel locking mechanism
- Rear door carrying 3 way fan module integration area
- Side panels lockable and removeable, covered with sound emitting isolation material



Swivelling lever



Quiet ventilation system



Numbered 19" profile rails

Part No.:
X= color code, choose your color



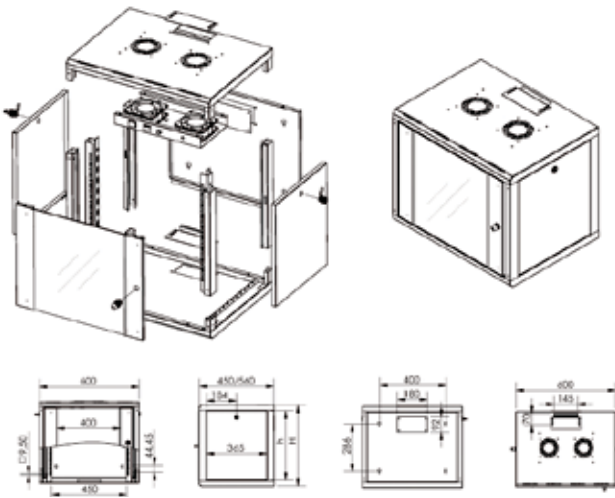
maple M teak T walnut W oak O cherry C beech B

Part No.	U	Color	Height (mm)	Width (mm)	Depth	Loading capacity (kg)
DN-19 17U-S0-X	17	maple (M), teak (T), walnut (W) oak (O), cherry (C), beech (B)	1000	750	1130	1000
DN-19 32U-S0-X	32		1666	750	1130	1000
DN-19 42U-S0-X	42		2110	750	1130	1000

DIGITUS® Wallmounting Cabinets

The DIGITUS® wall mounting cabinets are made of a robust steel sheet construction with a minimum of seams. The side sections are detachable and lockable. It is fast and easy to mount the cabinet. Separately there are levelling feet or castors available. Due to their flexibility the cabinets are ideal for all current IT and telecommunication applications.

- 1.1 – 1.5 mm strong sheet steel with high load capacity, powder coated
- Side sections detachable and lockable
- Ventilation slots for active and passive ventilation and exhaustion
- IP 40 rating
- Lockable safety-glass door with steel frame
- 483 mm (19") profile rails on the front side, adjustable in depth
- Cable entry on top and bottom
- Inclusive 8 pieces mounting set
- Color: light grey RAL 7035
- Extensive range of accessories available

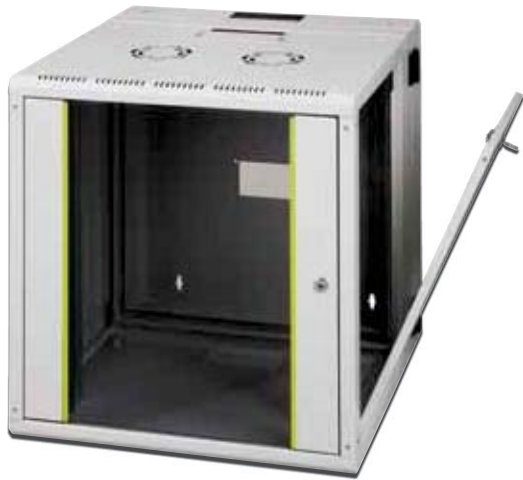


Part No.	EAN Code	Feature	U	Color	RAL	Height (mm)	Width (mm)	Depth	Weight (kg)	Loading capacity (kg)	Free space between front door & mounting angle dimension (mm)	Free space between rear door & mounting angle dimension (mm)	Dimension between front and rear mounting angle Dimension (mm)
DN-19 07-U	189879	mounting angles on the front part	7	light grey	7035	402	600	450	19	100	107	335	-
DN-19 09-U	257011	mounting angles on the front part	9	light grey	7035	491	600	450	21,4	100	107	335	-
DN-19 12-U	189893	mounting angles on the front part	12	light grey	7035	624	600	450	25	100	107	335	-
DN-19 16-U	256991	mounting angles on the front part	16	light grey	7035	802	600	450	29,4	100	107	335	-
DN-19 20-U	236498	mounting angles on the front part	20	light grey	7035	980	600	450	34	100	107	335	-
DN-19 07-U-6/6	257004	mounting angles on the front & back part	7	light grey	7035	402	600	560	22	100	107	83	363
DN-19 09-U-6/6	157519	mounting angles on the front & back part	9	light grey	7035	491	600	560	24,4	100	107	83	363
DN-19 12-U-6/6	180517	mounting angles on the front & back part	12	light grey	7035	624	600	560	28,2	100	107	83	363
DN-19 16-U-6/6	174097	mounting angles on the front & back part	16	light grey	7035	802	600	560	33,2	100	107	83	363
DN-19 20-U-6/6	205975	mounting angles on the front & back part	20	light grey	7035	980	600	560	38	100	107	83	363



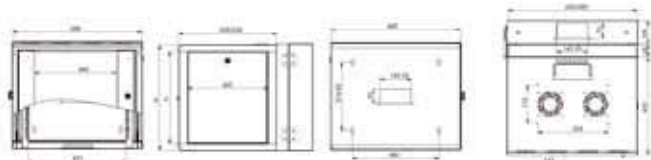
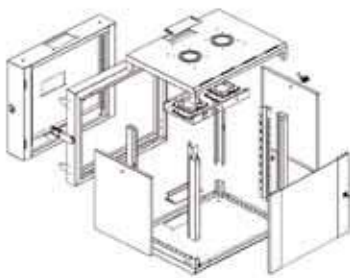
Wallmount Cabinets

DIGITUS® Double Section Wallmounting Cabinets



The DIGITUS® Double Section wall cabinets are made of a robust steel construction with a minimum of seams. The side sections are detachable and lockable. The double section simplifies the access and installation of 19" components. Due to their flexibility the cabinets are ideal for all current IT and telecommunication applications.

- 1.1 – 1.5 mm strong sheet steel with high load capacity, powder coated
- Side sections detachable and lockable
- Ventilation slots for active and passive ventilation and exhaustion
- IP 40 rating
- Safety-glass door with steel frame, lockable; optionally available with two openable doors
- Double section lockable
- 483 mm (19") profile rails on the front side, adjustable in depth
- Cable entry on top and bottom
- Inclusive 8 pieces mounting set



Part No.	EAN Code	Feature	U	Color	RAL	Height (mm)	Width (mm)	Depth	Weight (kg)	Loading capacity (kg)	Free space between front door & mounting angle dimension (mm)	Free space between rear door & mounting angle dimension (mm)	Dimension between front and rear mounting angle (mm)
DN-19 07-U-3	186724	incl. swing frame	7	light grey	7035	402	600	610	31	100	107	76	419
DN-19 09-U-3	186731	incl. swing frame	9	light grey	7035	491	600	610	34,4	100	107	76	419
DN-19 12-U-3	186748	incl. swing frame	12	light grey	7035	624	600	610	39,6	100	107	76	419
DN-19 16-U-3	186755	incl. swing frame	16	light grey	7035	802	600	610	46,4	100	107	76	419
DN-19 20-U-3	190820	incl. swing frame	20	light grey	7035	802	600	610	52	100	107	76	419

DIGITUS® 19" SoHo Wallmounting Cabinets

The DIGITUS SoHo wallmounting cabinets are made of a robust steel sheet construction with a minimum of seams. Ideal for all current IT and telecommunication applications.



- 1.5 mm strong sheet steel with high load capacity, powder coated
- Ventilation slots for active and passive ventilation and exhaustion
- Protection rating IP 20
- Safety-glass door with steel frame, lockable; optionally available with two openable doors
- 483 mm (19") profile rails on the front side, adjustable in depth
- Cable entry on top and bottom
- Extensive range of accessories available

Part No.	EAN Code	U	Color	RAL	Height (mm)	Width (mm)	Depth	Weight (kg)	Loading capacity (kg)
DN-19 07-U-EC-1	330806	7	light grey	7035	402	600	400	19	100
DN-19 09-U-EC-1	330813	9	light grey	7035	491	600	400	21,4	100
DN-19 12-U-EC-1	330820	12	light grey	7035	624	600	400	25	100
DN-19 16-U-EC-1	330837	16	light grey	7035	802	600	400	29,4	100

DIGITUS® SoHo Wallmounting Cabinet Compact Series

The DIGITUS® Compact Series is a range of 19" wallmount enclosures developed for installation of both cabling and equipment. The enclosures are special designed to save a lot of space and are ideal for use a wide range of applications in the 19" area. The enclosures are designed for an optimal performance and come with a lot of features like quick release front door and fully adjustable profiles.



- 1.5 mm strong sheet steel with high load capacity, powder coated
- Ventilation slots for active and passive ventilation and exhaustion
- Protection rating IP 20
- Lockable safety glass door
- 483 mm (19") profile rails, adjustable in depth
- Cable entry on top and bottom
- Inclusive 8 pieces mounting set
- Extensive range of accessories available

**Unmounted
flatpack version**

Part No.	EAN Code	U	Color	RAL	Height (mm)	Width (mm)	Depth
DN-19 07U-S-1	331698	7	light grey	7035	359	520	400
DN-19 09-U-S-1	330950	9	light grey	7035	448	520	400
DN-19 12-U-S-1	330967	12	light grey	7035	581	520	400

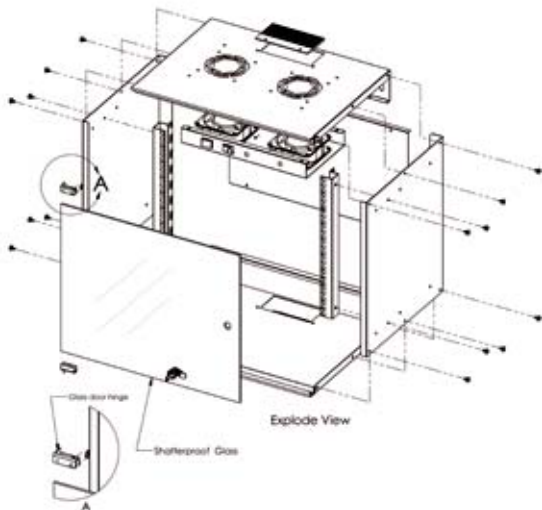


Wallmount Cabinets

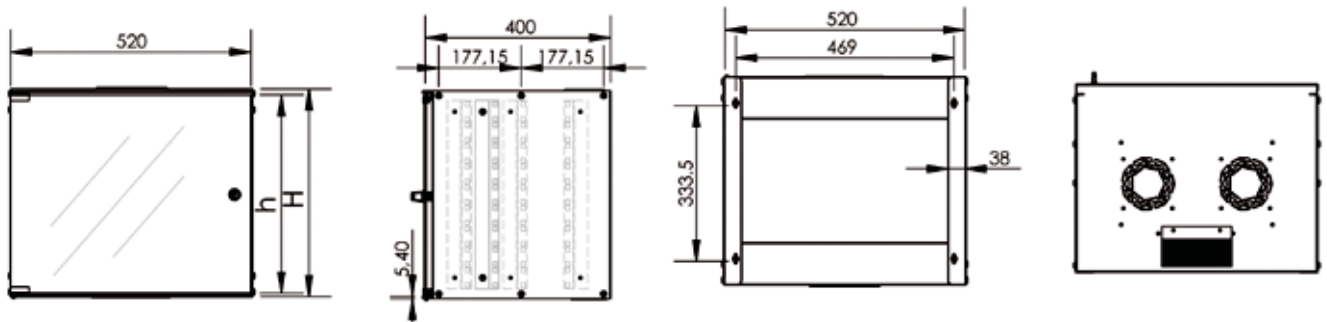
SoHo Wallmounting Cabinets, Unmounted

The completely unmounted DIGITUS® wall cabinets save space and enormously save transport costs. They can easily and swiftly be mounted. The mounting angles are adjustable in depth. Due to this flexibility the wall mounting cabinets are ideal for all current IT and telecommunication applications.

- 1.1 – 1.5 mm strong sheet steel with high load capacity, powder coated
- Ventilation slots for active and passive ventilation and exhaustion
- Lockable safety glass door with steel frame
- 483 mm (19") profile rails on the front side, adjustable in depth
- Cable entry on top and bottom
- Inclusive 1 piece brush for cable entry
- Inclusive 8 pieces mounting set
- Extensive range of accessories available



Unmounted flatpack version



Part No.	EAN Code	Feature	U	Color	RAL	Height (mm)	Width (mm)	Depth	Weight (kg)	Loading capacity (kg)	Free space between front door & mounting angle dimension (mm)	Dimension between front and rear mounting angle Dimension (mm)
DN-19 07-U-S	135241	profile rails on the front part	7	light grey	7035	359	520	400	13	100	110	276
DN-19 09-U-S	135257	profile rails on the front part	9	light grey	7035	448	520	400	15	100	110	276
DN-19 12-U-S	135432	profile rails on the front part	12	light grey	7035	581	520	400	17,6	100	110	276

DIGITUS® SoHo Slim Wallmount Cabinets

The DIGITUS® Slim Line wallmount cabinets are ideal housings for active and passive 483 mm (19") components. The installation is easy and saves time. The elegant design fits into every modern office or home. Four mounting positions possible.

- 483 mm (19") device mounting capacity for 5U: 3U horizontal and 2U vertical
- Lockable safety glass door with steel frame
- Strong sheet steel with high load capacity, powder coated
- Ventilation slots for active and passive ventilation and exhaustion
- Protection rating IP 20



200109 / DN-19 04U-PB
Wallmount cabinet, light grey RAL 7016

252849 / DN-19 04U-PB-SW
Wallmount cabinet, black RAL 9005

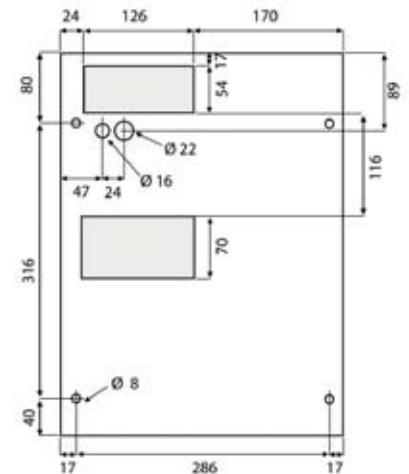
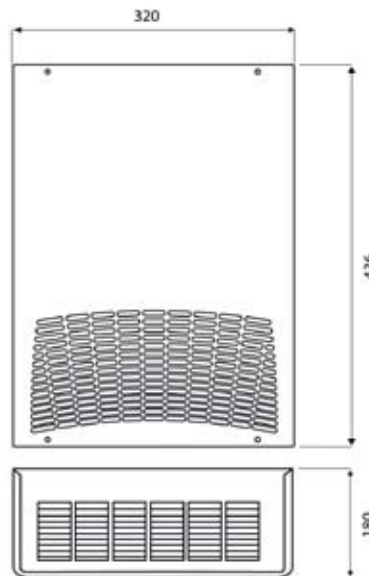
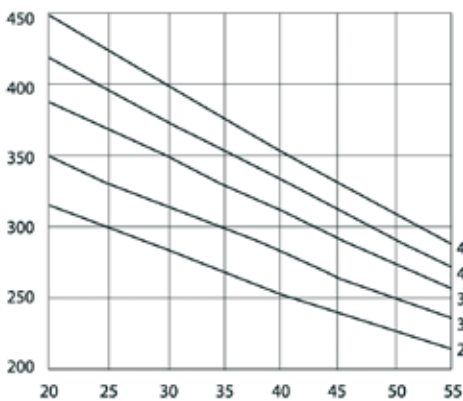
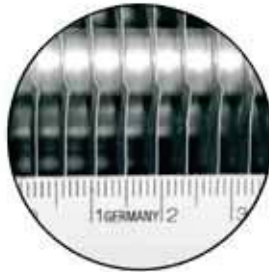


Wall Mounting Air Cond. up to 330 W

Wall Mounting Air Conditioner 436 x 320 x 180

- Condenser coated hydrophobical (lotus effect)
(large lamellar spacings helping to avoid infiltration of dirt and humidity)
- Powder coated steel sheet, zinc plated frame
- Ball bearing fans
- Protection type IP 54
- Mechanical thermostat with 4 K switching hysteresis
- Adjustable temperature range +25 °C to +45 °C (preset at +35 °C)
- Permissible ambient temperature range +20 °C to +55 °C
- Maintenance-free / without filter
(filter insertion must be checked at extreme ambient conditions)
- CFC free (environment friendly refrigerant R134 a)
- Drainage tube in base
- Connection lead, length 3 m
- Included in delivery: drilling template (1:1), operating manual, test report, gasket, mounting screws
- Approvals: CE

Options:
Other colors
Air deflector ACADEF 03

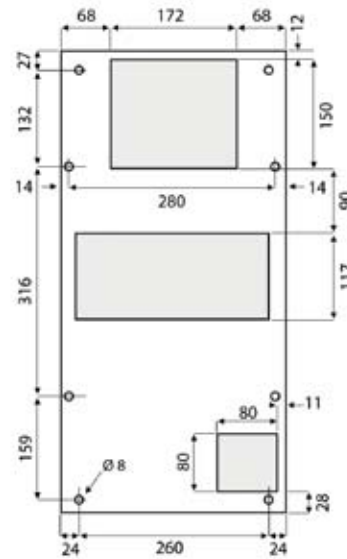
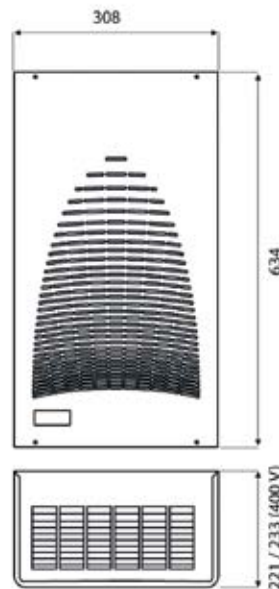
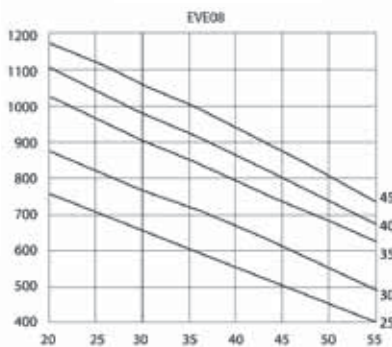
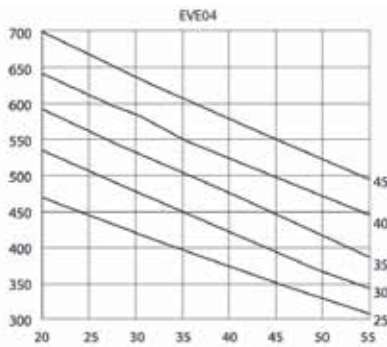


Type	Cooling Capacity W		Voltage V / ph / Hz	Current max. A	Starting Current- max. A	Power Consumpti- on W at L35/L50	Air Volume (inside) m ³ / h	Noise Level db(A)	Weight kg
	L35/L35	L35/L50							
DN-97321	330	270	230 / 1 / 50-60	1,4	5,0	240	164,0	60	17,0

Wall Mounting Air Conditioner 634 x 308 x 221(233)

- Condenser coated hydrophobical (lotus effect)
(large lamellar spacings helping to avoid infiltration of dirt and humidity)
- Powder coated steel sheet, zinc plated frame
- Ball bearing fans
- Protection type IP 54
- With electronic control and temperature display (ECB)
- Adjustable temperature range +25 °C to +45 °C (preset at +35 °C)
- Permissible ambient temperature range +20 °C to +55 °C
- Maintenance-free / without filter
(filter insertion must be checked at extreme ambient conditions)
- CFC free (environment friendly refrigerant R134 a)
- Drainage tube in base
- Connection via clamps
- Included in delivery: drilling template (1:1), operating manual, test report, gasket, mounting screws
- Approvals: CE, CUL

Options:
Other colors
Stainless steel design OCAVI 04 (not in CUL-version)
Air deflector ACADEF 08
Mounting frame
Air filter



Type	Cooling Capacity W		Voltage V / ph / Hz	Current max. A	Starting Current max. A	Power Consumption W at L35/L50	Air Volume (inside) m ³ /h	Noise Level db(A)	Weight kg
	L35/L35	L35/L50							
DN-97319	500	410	230 / 1 / 50-60	2,0	15,0	324	290,0	65	23,0
DN-97320	850	620	230 / 1 / 50-60	2,8	15,0	415	330,0	65	26,0

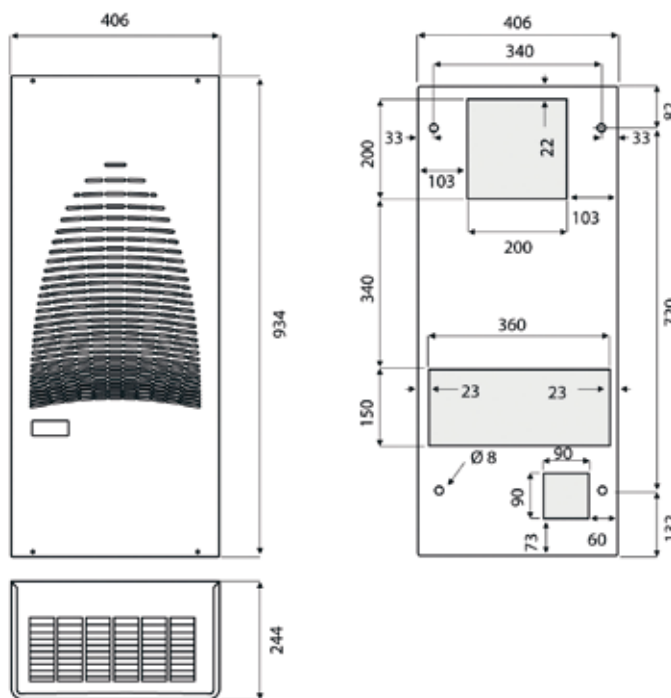
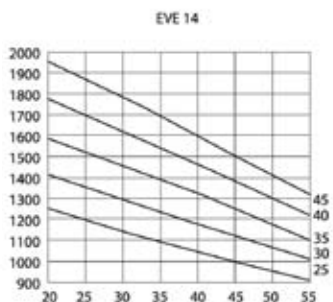
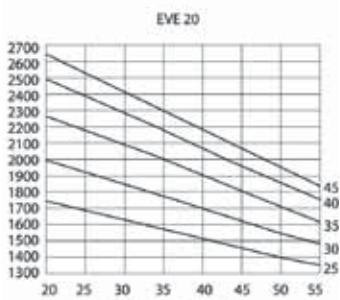
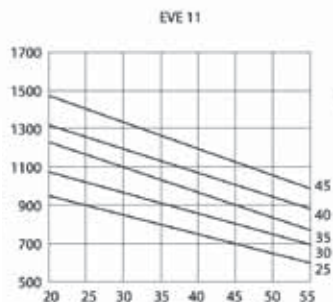
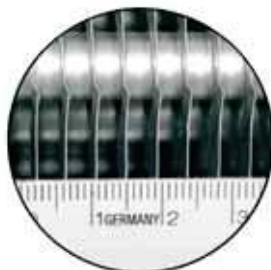


Wall Mounting Air Cond. up to 2000 W

Wall Mounting Air Conditioner 934 x 406 x 244

- Condenser coated hydrophobical (lotus effect)
(large lamellar spacings helping to avoid infiltration of dirt and humidity)
- Powder coated steel sheet, zinc plated frame
- Ball bearing fans
- Protection type IP 54
- With electronic control and temperature display (ECB)
- Adjustable temperature range +25 °C to +45 °C (preset at +35 °C)
- Permissible ambient temperature range +20 °C to +55 °C
- Maintenance-free / without filter
(filter insertion must be checked at extreme ambient conditions)
- CFC free (environment friendly refrigerant R134 a)
- Standard condensate evaporator
- Connection via clamps
- Included in delivery: drilling template (1:1), operating manual, test report, gasket, mounting screws
- Approvals: CE, CUL

Options:
Other colors
Stainless steel design OCAVI 11
Air deflector ACADEF 14
Mounting frame
Air filter



Type	Cooling Capacity W		Voltage V / ph / Hz	Current max. A	Starting Cur- rentmax. A	Power Consump- tion W at L35/L50	Air Volume (inside) m³ / h	Noise Level db(A)	Weight kg
	L35/L35	L35/L50							
DN-97325	1.400	1.170	230 / 1 / 50-60	5,0	17,0	939	575,0	65	42,0



DIGITUS® 254 mm (10") Wall Mounting Cabinet System



- Stable housing for wall or standing installation of 1.1 mm thick steel sheet
- Attractive, assembly-friendly housing for the office area
- Two 10" snap-in bars front, cable entrance with brush strip from bottom and top
- Single pane safety glass door
- Housing complete grounded
- Inclusive screws

▪ Color	light grey, RAL 7035
▪ Units	6
▪ Load capacity	30 kg
▪ Dimensions (HxWxD)	30 x 30 x 31,5 cm



139829 / DN-10 05-U
Wallmount Cabinet 6U, 30 x 30 x 31,5cm, 12kg

DIGITUS® 254 mm (10") Shelf



- Perforated sheet steel
- Complete with fixing material
- Fixing at the front 10" profiles
- Color: light grey, RAL 7035



139836 / DN-10 TRAY-1
Shelve, 1U, RAL7035

DIGITUS® CAT 6 Patch Panel



- Tested according to Link Performance Class E, for up to 250MHz, ISO/IEC 11801 and EN 50173
- Shielded RJ45 sockets, 8P8C
- Cable installation via LSA strips, color codes based on EIA/TIA 568B
- Fixing option for cable ties, central ground connection
- Suitable for 254 mm (10") Rack Mount
- Material housing: SECC, 1,5 mm ElectroGalvanized, Cold-rolled Steel accc. EN1.4301, UNS S30400, AISI 304 and LMSAD110
- Category CAT 6
- Color black, RAL 9005
- Units 1



241577 / DN-91608S
8-port, shielded, Rack Mount

241591 / DN-91612S
12-port, shielded, Rack Mount

DIGITUS® 10" Cable Management Panel



- 1 Unit (44.45 mm)
- Material: metal
- Color light grey RAL 7035
- Dimensions (HxWxD): 44 x 254 x 60 mm



147176 / DN-10 ORG-1U
1U with 3 rings

DIGITUS® CAT 5e Patch Panel



- ISO/IEC 11801 and EN 50173
- RJ45 jacks
- Cable installation via LSA strips, color codes based on EIA/TIA 568B
- Screw-type strain relief, fixing option for cable ties and central ground connection
- Suitable for 254 mm (10") Rack Mount
- Material housing: SECC, 1,5 mm ElectroGalvanized, Cold-rolled Steel accc. EN1.4301, UNS S30400, AISI 304 and LMSAD110
- Category CAT 5e
- Color black, RAL 9005
- Units 1



241430 / DN-91508U
8-port, unshielded

241447 / DN-91512U
12-port, unshielded

DIGITUS® Outlet Strip with Aluminium Profile, 3 Outlets



- 3 Socket outlets 250 VAC 50/60 Hz / 16 A / 4000 W
- Aluminium profile
- 35° turned outlets
- 2 metal fixings included for 254 mm (10") Rack Mount
- Cable: 2 m H05VV-F 3G1,5 mm²
- Right angle Schuko plug with double earthing



280712 / DN-95411
Outlet strip with aluminium profile, 3 outlets

DIGITUS® Roof Cooling Unit for DIGITUS® Professional Line Server Cabinets



- Suitable for mounted DIGITUS® 19" server cabinets. For heat dissipation of the cabinets.
- Noise level: 47 dB(A)
- Thermostat adjustable from 0 - 35°C
- On/off switch
- Air flow 9.2 m³/Hrs. Air flow



182955 / DN-19 FAN-4-1000-N

Cooling unit with 4 fans, light grey color RAL 7035

182948 / DN-19 FAN-6-1000-N

Cooling unit with 6 fans, light grey color RAL 7035

189534 / DN-19 FAN-4-1000SW-N

Cooling unit with 4 fans, black color RAL 9005

183471 / DN-19 FAN-6-1000SW-N

Cooling unit with 6 fans, black color RAL 9005

DIGITUS® Roof Cooling Unit for DIGITUS® Professional Line Networking Cabinets



- For installation into top-floor module
- Noise level: 47 dB(A)
- Thermostat adjustable from 0 - 35°C
- On/off switch
- Air flow 138 m³/Hrs. Air flow



135302 / DN-19 FAN-2

Cooling unit with 2 fans, light grey color RAL 7035

135319 / DN-19 FAN-4

Cooling unit with 4 fans, light grey color RAL 7035

192794 / DN-19 FAN-2-SW

Cooling unit with 2 fans, black RAL 9005

186830 / DN-19 FAN-4-SW

Cooling unit with 4 fans, black RAL 9005

DIGITUS® Roof Cooling Unit for DIGITUS® Unique Server Cabinet Series



- Noise level: 47 dB(A)
- Thermostat adjustable from 0 ~ +35°C
- On/off switch
- Air flow 138 m³/Hrs. Air flow



332824 / DN-19 FAN-4-SRV

Cooling unit with 4 fans, light grey RAL 7035

336389 / DN-19 FAN-6-SRV

Cooling unit with 6 fans, light grey RAL 7035

332831 / DN-19 FAN-4-SRV-B

Cooling unit with 4 fans, black RAL 9005

332862 / DN-19 FAN-6-SRV-B

Cooling unit with 6 fans, black RAL 9005

DIGITUS® Roof Cooling Unit for DIGITUS® Unique, Dynamic Basic Network & Server Cabinets



- For installation into top-floor module
- 4 fans
- Noise level: 47 dB(A)
- Thermostat adjustable from 0 - 35°C
- On/off switch
- Air flow 138 m³/Hrs. Air flow



331230 / DN-19 FAN-2-N

Cooling unit with 2 fans, light grey color RAL 7035

331247 / DN-19 FAN-4-N

Cooling unit with 4 fans, light grey color RAL 7035

332794 / DN-19 FAN-2-B-N

Cooling unit with 2 fans, black RAL 9005

332855 / DN-19 FAN-4-B-N

Cooling unit with 4 fans, black RAL 9005

DIGITUS® Roof Cooling Unit for DIGITUS® Wallmounting Cabinets

Suitable for mounted and unmounted DIGITUS® wallmounting cabinets and unmounted network and server cabinets. For heat dissipation of the cabinets.

- For installation into top-floor module
- 2 fans
- Noise level: 47 dB(A)
- Thermostat adjustable from 0 - 35°C
- On/off switch
- Color light grey, RAL 7035
- Air flow 4.6 m³/Hrs. Air flow
- Dimensions (HxWxD) 44 x 350 x 190 mm



158752 / DN-19 FAN-2-WM-T

Cooling Unit with 2 fans, light grey color RAL 7035

DIGITUS® Rackmount Cooling Unit

Suitable for all DIGITUS® Cabinets. For heat dissipation of the cabinets.

- For installation into top-floor module
- 2 fans
- Noise level: 47dB(A)
- Thermostat adjustable from 0 - 35°C
- On/off switch
- Color light grey, RAL 7035
- Air flow 4.6 m³/Hrs. Air flow
- Dimensions (HxWxD) 44 x 483 x 150 mm



174240 / DN-19 FAN-2-HO

Rackmount cooling unit with 2 fans, light grey RAL 7035

174868 / DN-19 FAN-4-HO

Rackmount cooling unit with 4 fans, light grey RAL 7035

185789 / DN-19 FAN-2-HO-SW

Rackmount cooling unit with 2 fans, black RAL 9005

189909 / DN-19 FAN-4-HO-SW

Rackmount cooling unit with 4 fans, black RAL 9005



Plinth & Slide Rails

DIGITUS® Plinth for DIGITUS® 19" Cabinets

Appropriate for DIGITUS® 19" network and server cabinets. Raises the cabinets about 100 mm from the ground. Internal space is used for storage of cable bundles and for cable management. Max. 2 plinths can be connected to reach a height of 200 mm.

- Easy to install among the cabinets
- Sheet steel
- Height: 100 mm
- Removable side panels
- Rear side panel with brush cable entry

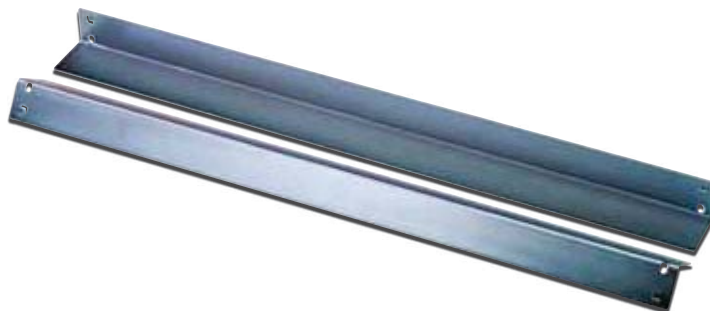


	Professional Line		Unique + Dynamic Basic		For unmounted Network Cabinets light grey RAL 7035
	Light grey RAL 7035	Black RAL 9005	Light grey RAL 7035	Black RAL 9005	
600 x 600 mm	DN-19 PLINTH-6/6 135401	DN-19 PLINTH-6/6-SW 254614	DN-19 PLINTH-6/6-1 333050	DN-19 PLINTH-6/6-B 334972	DN-19 PLINTH-6/6-ECO 211150
600 x 800 mm	DN-19 PLINTH-6/8 135418	DN-19 PLINTH-6/8-SW 245698	DN-19 PLINTH-6/8-1 333050	DN-19 PLINTH-6/8-B 334996	DN-19 PLINTH-6/8-ECO 187769
600 x 1000 mm Server Cabinets	DN-19 PLINTH-6/10 201786	DN-19 PLINTH-6/10-SW 231097	DN-19 PLINTH-6/10-1 334965	DN-19 PLINTH-6/10-B 334606	
600 x 1000 mm Network Cabinets	DN-19 PLINTH-6/10-N 276937	DN-19 PLINTH-6/10-SW 231097	DN-19 PLINTH-6/10-N1 335375	DN-19 PLINTH-6/10-NB 335078	
800 x 1000 mm Network Cabinets	DN-19 PLINTH-8/10-N 267362	DN-19 PLINTH-8/10-SW 221449	DN-19 PLINTH-8/10-N1 335344	DN-19 PLINTH-8/10-NB 335061	
800 x 800 mm	DN-19 PLINTH-8/8 135425	DN-19 PLINTH-8/8-SW 241782	DN-19 PLINTH-8/8-1 333098	DN-19 PLINTH-8/8-B 335016	
800 x 1000 mm Server Cabinets	DN-19 PLINTH-8/10 201779	DN-19 PLINTH-8/10-SW 221449	DN-19 PLINTH-8/10-1 333067	DN-19 PLINTH-8/10-B 334613	

DIGITUS® Slide Rails for DIGITUS® Professional Line Server & Network Cabinets

up to 100 kg

- Four fixing points fit at the sites of the rear and front mounting angles
- Fixed mounted
- Sheet steel
- Galvanised
- Load carrying capacity: 100 kg
- Package: 2 pieces
- Complete with fixing material



161707 / DN-19 GS Slide rails, TxBxH 715 x 65 x 44 mm
174295 / DN-19 GS-800 Slide rails, TxBxH 490 x 60 x 44 mm
226437 / DN-19 GS-600 Slide rails, TxBxH 330 x 60 x 44 mm

DIGITUS® Shelves for all DIGITUS® Network Cabinets

up to
50 kg



- Fixed mounted
- Perforated sheet steel
- Load carrying capacity: up to 50 kg
- Complete with fixing material
- Loading capacity 50 kg
- Units 1
- Dimensions (HxWxD) 30 x 465 x 345 mm



276067 / DN-97615

Shelf, 1 U, WxDxH 465 x 345 x 30 mm, for 600 mm depth, light grey RAL 7035

276029 / DN-97611

Shelf, 1 U, WxDxH 465 x 525 x 30 mm, for 800 mm depth, light grey RAL 7035

192954 / DN-19 TRAY-1-600SW

Shelf, 1 U, WxDxH 465 x 345 x 30 mm, for 600 mm depth, black RAL 9005

147305 / DN-19 TRAY-1-800-SW

Shelf, 1 U, WxDxH 465 x 525 x 30 mm, for 800 mm depth, black RAL 9005

DIGITUS® Sliding Shelves for DIGITUS® Network Cabinets

up to
25 kg



- Four fixing points fit at the sites of the rear and front mounting angles
- Extractable, with handle bar
- Perforated sheet steel
- Complete with fixing material
- Loading capacity 25 kg
- Units 1
- Dimensions (HxWxD) 30 x 465 x 345 mm



135456 / DN-19 TRAY-2-600

Shelf, 1 U, WxDxH 465 x 345 x 30 mm, for 600 mm depth, light grey RAL 7035

135470 / DN-19 TRAY-2-800

Shelf, 1 U, WxDxH 465 x 525 x 30 mm, for 800 mm depth, light grey RAL 7035

149446 / DN-19 TRAY-2-600-SW

Shelf, 1 U, WxDxH 465 x 525 x 30 mm, for 600 mm depth, black RAL 9005

183495 / DN-19 TRAY-2-800-SW

Shelf, 1 U, WxDxH 465 x 525 x 30 mm, for 800 mm depth, black RAL 9005

DIGITUS® Shelves for Server Cabinets

up to
100 kg



- Four fixing points fit at the sites of the rear and front mounting angles
- Fixed mounted
- Perforated sheet steel
- Complete with fixing material
- Loading capacity 100 kg
- Units 1
- Dimensions (HxWxD) 50 x 483 x 720 mm



135487 / DN-19 TRAY-1-1000

Shelf, 1U, WxDxH 483 x 720 x 50 mm, light grey RAL 7035

147312 / DN-19 TRAY-1-1000-SW

Shelf, 1 U, WxDxH 483 x 720 x 50 mm, black RAL 9005

DIGITUS® Shelves for Server Cabinets

up to
50 kg



- Fixed mounted
- Perforated sheet steel
- Load carrying capacity: up to 50 kg
- Complete with fixing material
- Loading capacity 50 kg
- Units 1
- Dimensions (HxWxD) 50 x 483 x 720mm



206026 / DN-19 TRAY-1-1000-EC

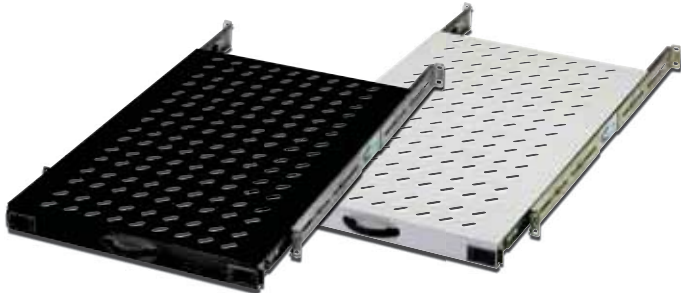
Shelf, 1U, WxDxH 483 x 720 x 50 mm, light grey RAL 7035

262480 / DN-19 TRAY1-1000-ECB

Shelf, 1U, WxDxH 483 x 720 x 50 mm, black RAL 9005

DIGITUS® Sliding Shelves for Server Cabinets

up to
65 kg



- Four fixing points fit at the sites of the rear and front mounting angles
- Extractable, with handle bar
- Adjustable depth
- Perforated sheet steel
- Complete with fixing material
- Loading capacity 65 kg
- Units 1
- Dimensions (HxWxD) 50 x 483 x 720 mm



135494 / DN-19 TRAY-2-1000

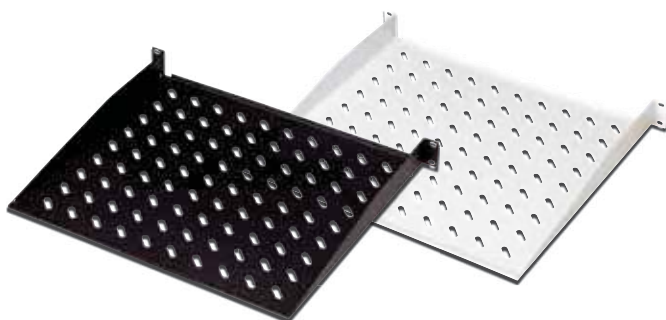
Shelf, 1 U, WxDxH 483 x 720 x 50 mm, light grey RAL 7035

180401 / DN-19 TRAY-2-1000SW

Shelf, 1 U, WxDxH 483 x 720 x 50 mm, black RAL 9005

DIGITUS® Rack Mountable Shelves, 1U

up to
15 kg



- Fixing at mounting angles
- Fixed mounted
- Perforated sheet steel
- Complete with fixing material
- Loading capacity 15 kg
- Units 1



275084 / DN-97609

Shelf, 1 U, WxDxH 483 x 250 x 44 mm, light grey RAL 7035

205364 / DN-19 TRAY-1-400

Shelf, 1 U, WxDxH 483 x 400 x 44 mm, light grey RAL 7035

185772 / DN-19 TRAY-1-SW

Shelf, 1 U, WxDxH 483 x 250 x 44 mm, black RAL 9005

245704 / DN-19 TRAY-1-400-SW

Shelf, 1 U, WxDxH 483 x 400 x 44 mm, black RAL 9005

DIGITUS® Rack Mountable Shelves

up to
25 kg



- Four fixing points fit at the sites of the rear and front mounting angles
- Fixed mounted
- Perforated sheet steel
- Load carrying capacity: 25 kg
- Requires 1U



267072 / DN-19 TRAY-1-600-R

Shelf, 1U, WxDxH 483 x 350 x 44 mm, for 600 mm depth, light grey RAL 7035

337843 / DN-19 TRAY-1-600-RSW

Shelf, 1U, WxDxH 483 x 350 x 44 mm, for 600 mm depth, black RAL 9005

267089 / DN-19 TRAY-1-800-R

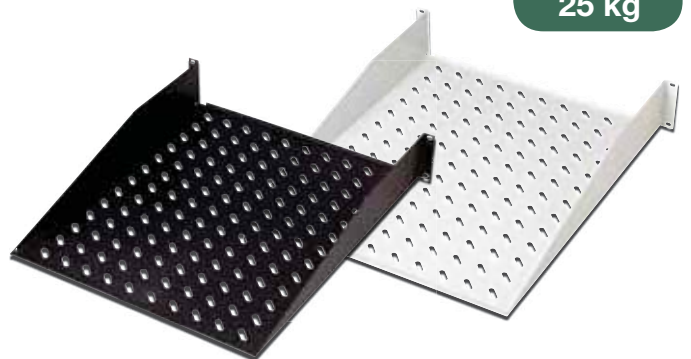
Shelf, 1U, WxDxH 483 x 350 x 44 mm, for 800 mm depth, light grey RAL 7035

337843 / DN-19 TRAY-1-800-RSW

Shelf, 1U, WxDxH 483 x 350 x 44 mm, for 800 mm depth, black RAL 9005

DIGITUS® Rack Mountable Shelves, 2U

up to
25 kg



- Fixing at mounting angles
- Fixed mounted
- Perforated sheet steel
- Complete with fixing material
- Loading capacity 25 kg
- Units 2



275091 / DN-97610

Shelf, 2U, WxDxH 483 x 370 x 88 mm, light grey RAL 7035

206033 / DN-19 TRAY-2-55

Shelf, 2 U, WxDxH 483 x 550 x 88 mm, light grey RAL 7035

222613 / DN-19 TRAY-2-SW

Shelf, 2U, WxDxH 483 x 370 x 88 mm, black RAL 9005

256830 / DN-19 TRAY-2-55-SW

Shelf, 2 U, WxDxH 483 x 550 x 88 mm, black RAL 9005

DIGITUS® 1U Cable Management Cage

Provides a neat cable management and improves passive cooling

- Fixing at mounting angles
- Sheet steel
- Removable front shield



279204 / DN-97616

1U Cable management cage, light grey RAL 7035

279211 / DN-97617

1U Cable management cage, black RAL 9005

DIGITUS® Cable Management Panel, 1U



- Fixing at 483 mm mounting angles
- Sheet steel
- 5 cable clamps, 40 x 60 mm (1U), 80 x 60 mm (1U)



266440 / DN-97601

Cable management, 1U, WxDxH 483 x 80 x 44 mm, light grey RAL 7035

173007 / DN-97602

Cable management, 1U, WxDxH 483 x 80 x 44 mm, black RAL 9005

DIGITUS® Cable Management Panel, 2U



- Fixing at mounting angles
- Sheet steel
- 5 cable clamps, 80 x 60mm



135388 / DN-19 ORG-2U

Management panel, 2U, WxDxH 483 x 80 x 88 mm, light grey RAL 7035

246138 / DN-19 ORG-2U-SW

Cable management 2U, WxDxH 483 x 80 x 88 mm, black RAL 9005

DIGITUS® Cable Management Panel

- Fixing at mounting angles
- Sheet steel
- Access hole with edge protection
- Size of the access hole: HxW 30 x 400 mm
- Rear shelf WxD 480 x 120 mm
- Complete with fixing material
- Units 1
- Dimensions (HxWxD) 44 x 483 x 124 mm



135395 / DN-19 ORG-3U

Management panel, WxDxH 483 x 124 x 44 mm, light grey RAL 7035

197089 / DN-19 ORG-3U-SW

Management panel, WxDxH 483 x 124 x 44 mm, black RAL 9005

DIGITUS® Cable Fixing Rails for DIGITUS® Professional Line Network Cabinets

- Fixing at mounting angles
- Depth of cabinets: 800 and 1000 mm
- Sheet steel
- Complete with fixing material



163473 / DN-19 ORG-1S

Cable clamp rail, WxDxH 679 x 10 x 44 mm

190547 / DN-19 ORG-2S

Cable clamp rail, WxDxH 500 x 10 x 44 mm

DIGITUS® Cable Management Rings

- Sheet steel
- Inclusive fixing for mounting on the profile



170488 / DN-19 ORG-1

Cable management ring, size of the ring 44 X 60 mm, set = 10pc., light grey RAL 7035

170495 / DN-19 ORG-2

Cable management ring, size of the ring 44 X 100 mm, set = 10pc., light grey RAL 7035

170501 / DN-19 ORG-3

Cable management ring, size of the ring 70 X 150 mm, set = 10pc., light grey RAL 7035

240853 / DN-19 ORG-1-SW

Size of the ring 44 X 60 mm, set = 10pcs., black RAL 9005

DIGITUS® Fixing set for 483 mm (19") Components



- Screws
- Caged nuts
- Set = 50 sets



265658 / DN-19 SET
Fixing set, size M6, black

334408 / DN-19 SET-S
Fixing set, size M6, silver

DIGITUS® Blank Panels for Network- and Server Cabinets



- Fixing at mounting angles
- Sheet steel
- Color light grey RAL 7035



276036 / DN-97612
Blank panel, 1U, WxDxH 483 x 12 x 44 mm

276043 / DN-97613
Blank panel, 2U, WxDxH 483 x 12 x 88 mm

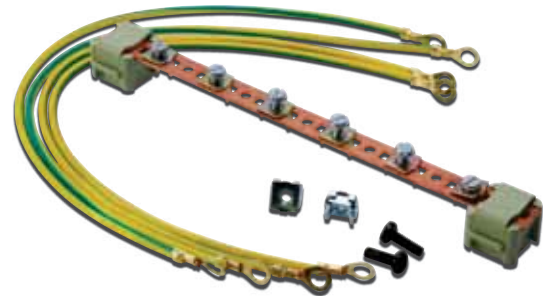
184553 / DN-19 BPN-03
Blank panel, 3U, WxDxH 483 x 12 x 133 mm

254706 / DN-19 BPN-04
Blank panel, 4U, WxDxH 483 x 12 x 177 mm

254713 / DN-19 BPN-05
Blank panel, 5U, WxDxH 483 x 12 x 222 mm

254720 / DN-19 BPN-06
Blank panel, 6U, WxDxH 483 x 12 x 266 mm

DIGITUS® Potential Equalisation Panel



Suitable for all DIGITUS® 19" cabinets. For grounding of all installed components.

- Copper busbar
- 6 earthing leads



142027 / DN-19 EARTH
Rowed connection set

DIGITUS® Blank Panels for Network- and Server Cabinets



- Fixing at mounting angles
- Sheet steel
- Color black RAL 9005



171713 / DN-19 BPN-01-SW
Blank panel, 1U, WxDxH 483 x 12 x 44 mm

171720 / DN-19 BPN-02-SW
Blank panel, 2U, WxDxH 483 x 12 x 88 mm

178460 / DN-19 BPN-03-SW
Blank panel, 3U, WxDxH 483 x 12 x 133 mm

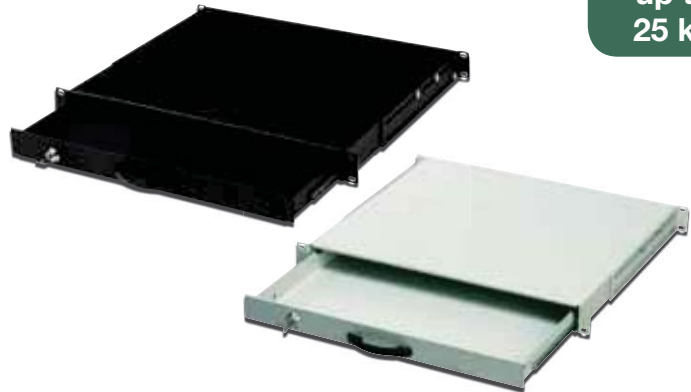
185710 / DN-19 BPN-04-SW
Blank panel, 4U, WxDxH 483 x 12 x 177 mm

185727 / DN-19 BPN-05-SW
Blank panel, 5U, WxDxH 483 x 12 x 222 mm

254737 / DN-19 BPN-06-SW
Blank panel, 6U, WxDxH 483 x 12 x 266 mm

DIGITUS® Keyboard Drawer, 1U

- Fixing at mounting angles
- Lockable
- Extractable
- Inner size: WxD 420 x 390 mm
- Inclusive fixing for mounting on the profile
- Load capacity 25 kg
- Units 1
- Dimensions (HxWxD) 44 x 483 x 400 mm



up to 25 kg



135340 / DN-19 KEY-1U
Keyboard drawer, WxDxH 483 x 400 x 44 mm, light grey RAL 7035

158516 / DN-19 KEY-1U-SW
Keyboard drawer, WxDxH 483 x 400 x 44 mm, black RAL 9005

DIGITUS® Document Storage, 2U

- Fixing at mounting angles
- Extensible
- Lockable
- Incl. fixing for mounting
- Load capacity 25 kg
- Units 2
- Dimensions (HxWxD) 88 x 483 x 400 mm



up to 25 kg



254751 / DN-19 KEY-2U
Document storage, WxDxH 485 x 480 x 88 mm, light grey RAL 7035

254775 / DN-19 KEY-2U-SW
Document storage, WxDxH 485 x 480 x 88 mm, black RAL 9005

DIGITUS® Document Storage, 3U

- Fixing at mounting angles
- Extensible
- Lockable
- Incl. fixing for mounting
- Load capacity 25 kg
- Units 3
- Dimensions (HxWxD) 134 x 483 x 400 mm



up to 25 kg



161714 / DN-19 KEY-3U
Document storage, WxDxH 485 x 480 x 134 mm, light grey RAL 7035

169444 / DN-19 KEY-3U-SW
Document storage, WxDxH 485 x 480 x 134 mm, black RAL 9005

Lockable Castors for DIGITUS® Cabinets



- Set = 4 pcs.
- Load capacity per castor: 250 kg
- 2x lockable
- Rotating
- Dimensions (HxWxD) 80 x 70 x 80 mm



135296 / DN-19 CASTOR
Lockable castors WxDxH 70 x 80 x 80 mm

Lockable Castors for Dismounted DIGITUS® Free Standing Cabinets



- Set = 4 pcs.
- Load capacity per castor: 250 kg
- 2x lockable
- Rotating
- Dimensions (HxWxD) 80 x 70 x 80 mm



168423 / DN-19 CASTOR-WB
Lockable castors WxDxH 70 x 80 x 80 mm

DIGITUS® Levelling Feet for DIGITUS® Network Cabinets



- Set = 4 pcs.
- Foot: PVC
- Load capacity per foot: 250 kg



193623 / DN-19 FEET
Levelling feet for network cabinets

DIGITUS® Connection Kit for DIGITUS® Network Cabinets



- Connection at the vertical uprights
- Steel
- Galvanised
- Set = 4 pcs. with screws
- Dimensions (HxWxD) 23 x 46 x 130 mm



162384 / DN-19 BGL
Connection set for Professional line network cabinets

332688 / DN-19 BGL-1
Connection set for Unique line network cabinets

218258 / DN-19 BGL-SRV
Connection set for Professional line server cabinets

DIGITUS® Swing Arm Handhold for DIGITUS® Network Cabinets



- Suitable for DIGITUS® 483 mm (19") network cabinets
- Mounting in doors
- Prepared to use profile half cylinder



179245 / DN-19 PHS
Swing arm handhold for network cabinets

222002 / DN-19 PHS-SRV
Swing arm handhold for server cabinets

DIGITUS® LED Lighting Fixture for Cabinets



- With On / off switch
- Automatic door switch
- 230V / 35 W
- Color black
- LED light
- Luminosity in lumen: 990 Lm
- Color rendering in Ra: 75%
- Light color in Kelvin: 5500-7000 K
- Energy efficiency category A
- Consumption in kWh/1000h: 9 kWh
- Durability in hours: 5 years
- Length and diameter: 254 mm (light area)



329763 / DN-19 LIGHT-2
LED lighting fixture for cabinets

DIGITUS® Key



320272 / DN-19 KEY-801
Key for wallmounted cabinets

344469 / DN-19 KEY-9081
Key for handle locking

320258 / DN-19 KEY-9473
Key for server-, network- and wallmounted cabinets

320289 / DN-19 KEY-EK333
Key for DN-19 PHS, data center

Fan for DIGITUS® Cabinets



- Mounting in fan units
- Air flow: 2.3 m³ per minute
- Noise level: 47 dBm(A)
- Color black, RAL 9005
- Dimensions (HxWxD) 37 x 120 x 120 mm



194422 / DN-19 FAN
Fan for Cabinets WxDxH 120 x 120 x 37 mm

DIGITUS® Aluminum Outlet Strip, 8 Outlets

- 8 Socket outlets 250 VAC 50/60 Hz / 16 A / 4000 W
- Aluminum profile
- 35° turned outlets
- 2 metal fixings included
- Cable: 2 m H05VV-F 3G1,5 mm²
- Right angle Schuko plug with double earthing

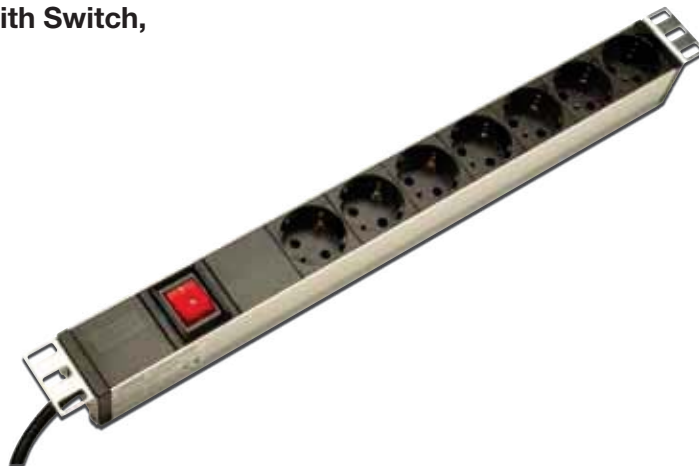


266396 / DN-95401

Aluminum outlet strip, 8 outlets

DIGITUS® Aluminum Outlet Strip with Switch, 7 Outlets

- 7 socket outlets 250 VAC 50/60 Hz / 16 A / 4000 W
- Aluminum profile
- 35° turned outlets
- Illuminated switch - protected against accidental power off
- 2 metal fixings included
- Cable: 2 m H05VV-F 3G1,5 mm²
- Right angle Schuko plug with double earthing



266402 / DN-95402

Aluminum outlet strip with switch, 7 outlets

DIGITUS® Aluminum Outlet Strip with Overload Protection, 7 Outlets

- 7 socket outlets 250 VAC 50/60 Hz / 16 A / 4000 W
- Aluminum profile
- 35° turned outlets
- Overload protection
- 2 metal fixings included
- Cable: 2 m H05VV-F 3G1,5 mm²
- Right angle Schuko plug with double earthing



266419 / DN-95403

Aluminum outlet strip with overload protection, 7 outlets

DIGITUS® Aluminum Outlet Strip with Overload Protection IEC C13, 10 Outlets

- 10 IEC C13 Socket outlets 250 VAC 50/60 Hz / 10 A / 2500 W
- Aluminum profile
- Overload protection
- 2 metal fixings included
- Cable: 2 m H05VV-F 3G1,5 mm²
- IEC C14 plug



266426 / DN-95404

Aluminum outlet strip with overload protection IEC C13, 10 outlets

DIGITUS® Aluminum Outlet Strip with Overload Protection, 12 Outlets

- 2 circuits with 12 socket outlets 250 VAC 50/60 Hz / 2x 16 A
- Aluminum profile
- 35° turned outlets
- 2x overload protection
- 2 metal fixings included
- Cable: 2 m H05VV-F 3G1,5 mm²
- Right angle Schuko plug with double earthing
- Vertical installation



266433 / DN-95405

Aluminum outlet strip with overload protection, 12 outlets

DIGITUS® Aluminum Outlet Strip with Surge Protection and Switch, 7 Outlets

- 7 socket outlets 250 VAC 50/60 Hz / 16 A / 4000 W
- Aluminum profile
- 35° turned outlets
- surge protection
- 2 metal fixings included
- Switch - protected against accidental power off
- Cable: 2 m H05VV-F 3G1,5 mm²
- Right angle Schuko plug with double earthing



339335 / DN-95407

Aluminum outlet strip with surge protection and switch, 7 outlets

DIGITUS® Aluminum Outlet Strip IEC C19, 6 Outlets

- 6 IEC C19 outlets 250 VAC 50/60 Hz / 16 A / 4000 W
- Aluminum profile
- 2 metal fixings included
- Cable: 2m H05VV-F 3G1,5qmm
- IEC C20 plug



339373 / DN-95408

Aluminum outlet strip IEC C19, 6 outlets

DIGITUS® Aluminum Outlet Strip, 3 Outlets

- 3 Socket outlets 250 VAC 50/60 Hz / 16 A / 4000 W
- Aluminum profile
- 35° turned outlets
- 2 metal fixings included for 254 mm (10") Rack Mount
- Cable: 2 m H05VV-F 3G1,5 mm²
- Right angle Schuko plug with double earthing



280712 / DN-95411

Aluminum outlet strip, 3 outlets

DIGITUS® Aluminum Outlet Strip Integrated Overvoltage Protection, 18 Outlets

- Dual circuit
- Aluminum profile
- 35° turned outlets
- 2 pcs. 16 A miniature circuit breaker, 220/250 V AC
- Max. 3600 W 250 V AC, 16 A
- 2 metal fixings included
- Vertical installation



221203 / A-19-STRIP42-1

Aluminum outlet strip with overvoltage protection, 18 outlets, 42U

DIGITUS® Metering Aluminum Outlet Strip, 7 Outlets

- 1x power connection (Schuko plug, max. 16 A)
- 7x outlet, Schuko, max 16 A
- Network connection RJ45 (10/100 MBit)
- 19", 1U
- Weight: approx. 1.5 kg
- Operating temperature: 0-50°C (non-condensing)
- Metering of power, electric tension, phase angle, power-factor, frequency, active-, apparent- and idle power
- 2 energy counter, one counter is permanently counting, the other one is resettable
- Lighted LCD screen
- HTTP 1.1, email, DHCP, SNMPv1 (Traps), SNM Ov2c (Traps), Syslog
- Firmware update possible per ethernet while in operation
- Minimum own consumption
- Developed and produced in Germany



342977 / DN-95601

Aluminum outlet strip, 7 outlets, 1xRJ45, LCD panel

DIGITUS® Aluminum Metering Outlet Strip IEC C13, 8 Outlets

- 1x power connection (Schuko plug, max. 16 A)
- 8x outlet, IEC C13, max. 10 A
- Network connection RJ45 (10/100 MBit)
- 19", 1U
- Weight: approx. 1.5 kg
- Operating temperature: 0-50°C (non-condensing)
- Metering of power, electric tension, phase angle, power-factor, frequency, active-, apparent- and idle power
- 2 energy counter, one counter is permanently counting, the other one is resettable
- Lighted LCD screen
- HTTP 1.1, email, DHCP, SNMPv1 (Traps), SNM Ov2c (Traps), Syslog
- Firmware update possible per ethernet while in operation
- Minimum own consumption
- Developed and produced in Germany



342984 / DN-95602

Aluminum outlet strip, 8 IEC C13, 1xRJ45, LCD panel

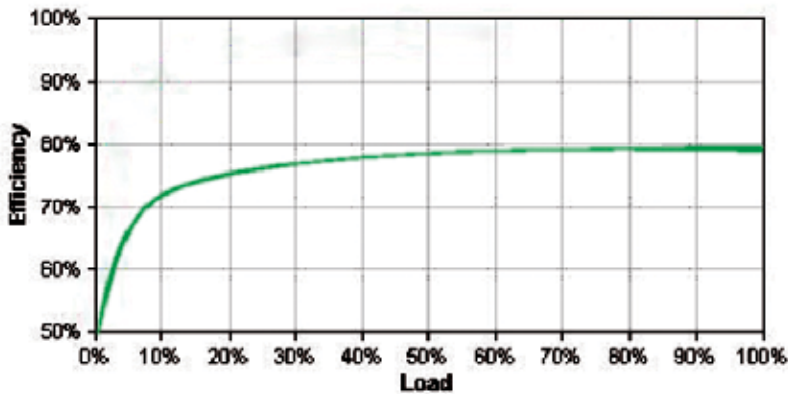
DIGITUS® Line Interactive UPS with LCD Display

High performance protection for your business and office computer systems against data loss and damage

- Microprocessor controlled Line Interactive technology
- Boost and buck automatic voltage regulation (AVR)
- Intelligent battery management system
- LCD display panel
- Display of input & output voltages on LCD panel
- Overvoltage protection and undervoltage protection
- Lightning and surge protection
- Short circuit and overload protection
- Overdischarge protection
- Status indicators: battery, state of charge, operation
- Cold start functions and energy saving features
- Automatic frequency identification
- Communication: USB communication port
- Telephone / fax / modem protection
- Can optionally be used without batteries as AVR (automatic voltage regulation)
- Compact size and user friendly operation
- Acoustic alarm system
- Nominal input voltage: 230 V or 220 V ± 25 %
- Input frequency: 50 Hz or 60 Hz ± 10 %
- Output voltage: 230 V or 220 V ± 10 % (simulated sine wave)
- Meets the following standards: EN 50091-1, IEEE 587, CE
- IP protection class 20
- Backup time: 5 - 30 minutes (depending on computer load resulting from connected devices)
- Battery (V/Ah): 12/7
- Backup time: 5 - 30 minutes (depending on computer load resulting from connected devices)
- Transfer time: 2 ms



Energy Use/Efficiency



Back



288817 / DN-170023
Line interactive UPS, 650VA

288848 / DN-170024
Line interactive UPS, 1000VA

288855 / DN-170025
Line interactive UPS, 1500VA



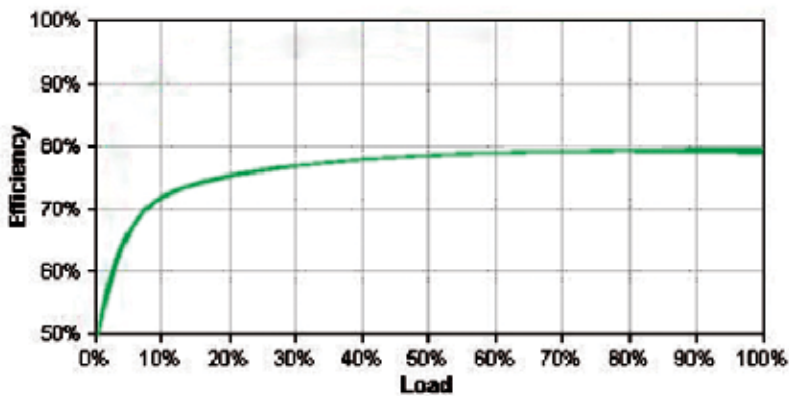
DIGITUS® Off-Line UPS

High performance protection for your business and office computer systems against data loss and damage

- Boost and buck automatic voltage regulation (AVR)
- Overvoltage protection and undervoltage protection
- Short circuit and overload protection
- Cold start functions and energy saving features
- Acoustic alarm system
- Automatic frequency identification
- Intelligent battery management system
- Communication: USB communication port
- Telephone / fax / modem protection
- 650 VA, 230 V, 50 Hz, 360 W, Input Range 165-270 V
- Meets the following standards: CE, EN60950-1:2006, EN-62301:2005, EN62040-3, VDE EN62040-2:2006, EN 6100-4-2:1995 + A1:1998+A2:2001
- Compact size and user friendly operation
- Input frequency: 50/60 Hz ± 4 Hz
- IP protection class 20
- Battery (V/Ah): 12/7
- Backup time: 10 - 18 minutes (depending on computer load resulting from connected devices)
- Transfer time: < 6 ms



Energy Use/Efficiency



Back



288336 / DN-170013
Off-line UPS, 650VA

288770 / DN-170014
Off-line UPS, 1000VA

288787 / DN-170015
Off-line UPS, 1500VA

Daker DK 1kVA Online UPS, 6x IEC C13 Outlets

- Weight: 16 kg
- 2x IEC C13 programmable outputs, 4x IEC C13 outputs
- Safeguards: Overload, bypass, interrupt of working by termination of autonomic time and overheating
- Operating temperature range: 0 up to +40 °C
- Operating moisture range: 20 up to 80 % non-condensation
- Safety class according IEC 529: IP20
- Noise level in 1 m distance: < 50 dBA
- Nominal input voltage: 230 V
- Nominal output voltage: 230 V ± 1 %
- Range of nominal input voltage: 160 V up to 288 V
- Nominal input frequency: 50 or 60 Hz ± 5 Hz
- Maximum input volt power: 5.2 Arms
- Number of input phases: Monophase
- Number of output phases: Monophase
- Battery operation: Sine-shaped
- Operating type: On line - double converter
- Active output power with nominal load: 800 W
- Apparent output power with nominal load: 1 kVA
- Overload capacity: 105 % non-stop operation, 120 % for 30 seconds, 150 % for 10 seconds
- Battery operating autonomy: 10 minutes
- Battery charging time: 4 to 6 hours on 80 % of loading
- 3 maintenance-free, leaded and sealed batteries, 12 V 7.2 Ah
- Electromagnetic compatibility, Immunity - Emissions: According to EN 62040-2
- Safeguards: According to EN 62040-1
- Characteristic power: According to EN 62040-3



343950 / A-17060

Online UPS 1kVA, 6x IEC C13 outputs

Daker DK 2kVA Online UPS, 6x IEC C13 Outlets

- Weight: 29.5 kg
- 2x IEC C13 programmable outputs, 4x IEC C13 outputs
- Safeguards: Overload, bypass, interrupt of working by termination of autonomic time and overheating
- Operating temperature range: 0 up to +40 °C
- Operating moisture range: 20 up to 80 % non-condensation
- Safety class according IEC 529: IP20
- Noise level in 1 m distance: < 50 dBA
- Nominal input voltage: 230 V
- Nominal output voltage: 230 V ± 1 %
- Range of nominal input voltage: 160 V up to 288 V
- Nominal input frequency: 50 or 60 Hz ± 5 Hz
- Maximum input volt power: 10.4 Arms
- Number of input phases: Monophase
- Number of output phases: Monophase
- Battery operation: Sine-shaped
- Operating type: On line - double converter
- Active output power with nominal load: 1.6 kW
- Apparent output power with nominal load: 2 kVA
- Overload capacity: 105 % non-stop operation, 120 % for 30 seconds, 150 % for 10 seconds
- Battery operating autonomy: 10 minutes
- Battery charging time: 4 to 6 hours on 80 % of loading
- 6 maintenance-free, leaded and sealed batteries, 12 V 7.2 Ah
- Electromagnetic compatibility, Immunity - Emissions: According to EN 62040-2
- Safeguards: According to EN 62040-1
- Characteristic power: According to EN 62040-3



343967 / A-17061

Online UPS 2kVA, 6x IEC C13 outputs

Daker DK 3kVA Online UPS, 4x IEC C13, 1x IEC C19 Outlets

- Weight: 30 kg
- 2x IEC C13 programmable outputs, 2x IEC C13, 1x IEC C19 outputs
- Safeguards: Overload, bypass, interrupt of working by termination of autonomic time and overheating
- Operating temperature range: 0 up to +40 °C
- Operating moisture range: 20 up to 80 % non-condensation
- Safety class according IEC 529: IP20
- Noise level in 1 m distance: < 50 dBA
- Nominal input voltage: 230 V
- Nominal output voltage: 230 V \pm 1 %
- Range of nominal input voltage: 160 V up to 288 V
- Nominal input frequency: 50 or 60 Hz \pm 5 Hz
- Maximum input volt power: 15 Arms
- Number of input phases: Monophase
- Number of output phases: Monophase
- Battery operation: Sine-shaped
- Operating type: On line - double converter
- Active output power with nominal load: 2.4 kW
- Apparent output power with nominal load: 3 kVA
- Overload capacity: 105 % non-stop operation, 120 % for 30 seconds, 150 % for 10 seconds
- Battery operating autonomy: 8 minutes
- Battery charging time: 4 to 6 hours on 80 % of loading
- 6 maintenance-free, cyanhydric acid and sealed batteries, 12 V 9 Ah
- Electromagnetic compatibility, Immunity - Emissions: According to EN 62040-2
- Safeguards: According to EN 62040-1
- Characteristic power: According to EN 62040-3



343974 / A-17062

Online UPS 3kVA, 4x IEC C13 outputs, 1x IEC C19 outputs

Daker DK 4.5kVA Online UPS, 1x Outlet Termination Block

- Weight: 52 kg
- 1x input terminal block, 1x output terminal block
- Safeguards: Overload, bypass, interrupt of working by termination of autonomic time and overheating
- Operating temperature range: 0 up to +40 °C
- Operating moisture range: 20 up to 80 % non-condensation
- Safety class according IEC 529: IP21
- Noise level in 1 m distance: < 50 dBA
- Nominal input voltage: 230 V
- Nominal output voltage: 230 V \pm 2 %
- Range of nominal input voltage: 160 V up to 280 V
- Nominal input frequency: 50 or 60 Hz \pm 5 Hz
- Maximum input volt power: 25 Arms
- Number of input phases: Monophase
- Number of output phases: Monophase
- Battery operation: Sine-shaped
- Operating type: On line - double converter
- Active output power with nominal load: 4050 W
- Apparent output power with nominal load: 4.5 kVA
- Overload capacity: 105 % non-stop operation, 120 % for 30 seconds, 140 % for 10 seconds
- Battery operating autonomy: 6 minutes
- Battery charging time: 4 hours on 90 % of loading
- 20 maintenance-free, leaded and sealed batteries, 12 V 5 Ah
- Electromagnetic compatibility, Immunity - Emissions: According to EN 62040-2
- Safeguards: According to EN 62040-1
- Characteristic power: According to EN 62040-3



343981 / A-17063

Online UPS 4.5 kVA, 1x output terminal block

Daker DK 6kVA Online UPS, 1x Outlet Termination Block

- Weight: 52 kg
- 1x input terminal block, 1x output terminal block
- Safeguards: Overload, bypass, interrupt of working by termination of autonomic time and overheating
- Operating temperature range: 0 up to +40 °C
- Operating moisture range: 20 up to 80 % non-condensation
- Safety class according IEC 529: IP21
- Noise level in 1 m distance: < 50 dBA
- Nominal input voltage: 230 V
- Nominal output voltage: 230 V ± 2 %
- Range of nominal input voltage: 160 V up to 280 V
- Nominal input frequency: 50 or 60 Hz ± 5 Hz
- Maximum input volt power: 33 Arms
- Number of input phases: Monophase
- Number of output phases: Monophase
- Battery operation: Sine-shaped
- Operating type: On line - double converter
- Active output power with nominal load: 5,4 kW
- Apparent output power with nominal load: 6 kVA
- Overload capacity: 105 % non-stop operation, 120 % for 30 seconds, 140 % for 10 seconds
- Battery operating autonomy: 4 minutes
- Battery charging time: 4 hours on 90 % of loading
- 20 maintenance-free, leaded and sealed batteries, 12 V 5 Ah
- Electromagnetic compatibility, Immunity - Emissions: According to EN 62040-2
- Safeguards: According to EN 62040-1
- Characteristic power: According to EN 62040-3



343998 / A-17064

Online UPS 6kVA, 1x output terminal block

Daker 1kVA Battery Rack

The Daker Battery Racks serve for an increase of the bridging time. An additional battery loading enclosure is integrable in every battery rack to ensure a safer and faster loading of the battery system.

A-17065

- 12 batteries 12 V 7.2 Ah
- Battery rack for A-17060

A-17066

- 12 batteries 12 V 7.2 Ah
- Battery rack for A-17061



344001 / A-17065

Daker 1kVA battery rack for A-17060

344018 / A-17066

Daker 2kVA battery rack for A-17061



Daker UPS Equipment

Rack Assembly Kit for Daker DK UPS Series, 2U

The Rack Assembly Kit includes rack assembly telescope rails (2U) and assembly material. It is the best solution to install the DAKER UPS enclosures in your 19" enclosure.

- Rack assembly telescope rails 2U



344025 / A-17067
Rack Assembly Kit for Daker DK UPS Series 2U

Daker Contact Interface Card

Card with potential free contacts for assembly in the SNMP slot.



Abb. A-17069



344049 / A-17069
Daker Contact Interface Card

344070 / A-17070
Daker SNMP CS 121B SK Card

Daker External Bypass for Daker DK UPS 1-3 kVa

The Daker external Bypass comes with assembly material and is the easiest way to connect your Daker UPS enclosures of 1kVa, 2kVa and 3kVa (A-17060, A-17061 and A-17062).

- 2U, incl. assembly material
- 6x IEC C13 outlets, output 10A maximum
- 2x IEC C19 outlets, output 16A maximum
- Suitable for Daker DK UPS A-17060, A-17061 and A-17062



344032 / A-17068
Daker external bypass for Daker DK UPS 1-3 kVa

Daker RCCMD Multi OS License

RCCMD Multi-OS Agent Shutdown software enables a computer to receive and execute the remote command. All commands received are recorded in a log file and are only accepted if the UPS that transmitted them is part of an authorization list which can be created. The software is compatible with 99% of the operating systems currently available on the market.



344087 / A-17071
Daker RCCMD Multi OS License

Performance. Reliability. Flexibility. The Challenge of Big Data

Data centers are becoming increasingly complex worldwide. The challenge for companies: The consistent performance and efficiency must be ensured even in the face of increasing data volumes. Data center operators can achieve this with the help of a clean and efficient infrastructure.

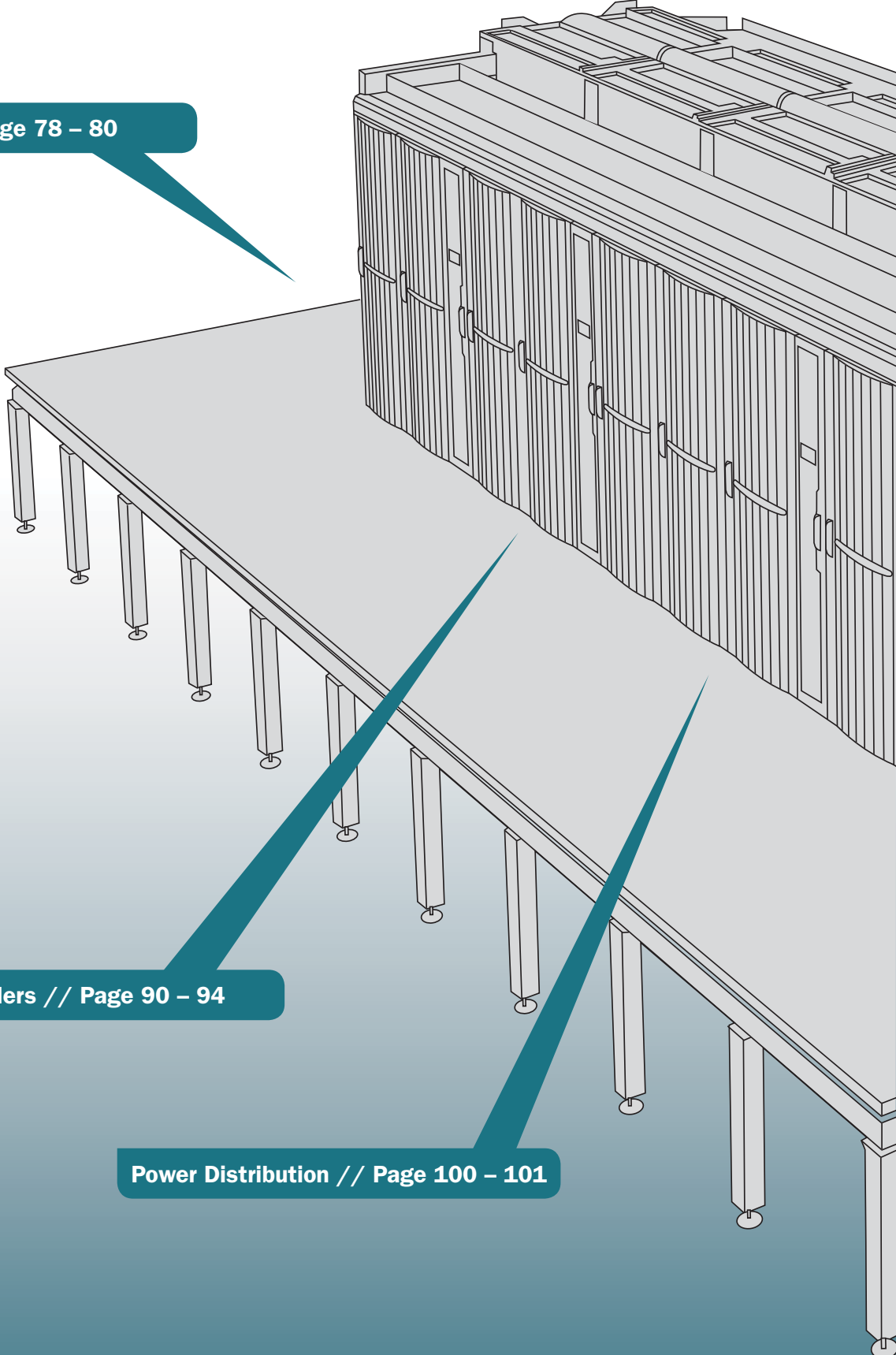
ASSMANN offers all components for designing, operating, and restructuring successful and efficient data centers. On the pages that follow, you will find, among other things, products for rack cooling, ventilators, multiple socket outlets, and uninterrupted power supply solutions (UPS).

DATA CENTER



Room and Rack Surveillance // Page 97 – 99

Cabinets // Page 78 – 80



Side Coolers // Page 90 – 94

Power Distribution // Page 100 – 101

Roof Systems // Page 83 – 85

Cable Management // Page 86 – 89

Door Systems // Page 81 – 82

Raised Floor // Page 95 – 96

The Challenge of Big Data - Successful Data Center Management

Companies today must deal with increasing amounts of data. According to a recent study, worldwide data traffic in data centers is expected to increase to 7.7 zettabytes in data processing centers by the year 2017. Smart business applications, cloud technology, and increasing virtualization are causing continually increasing requirements for data centers.

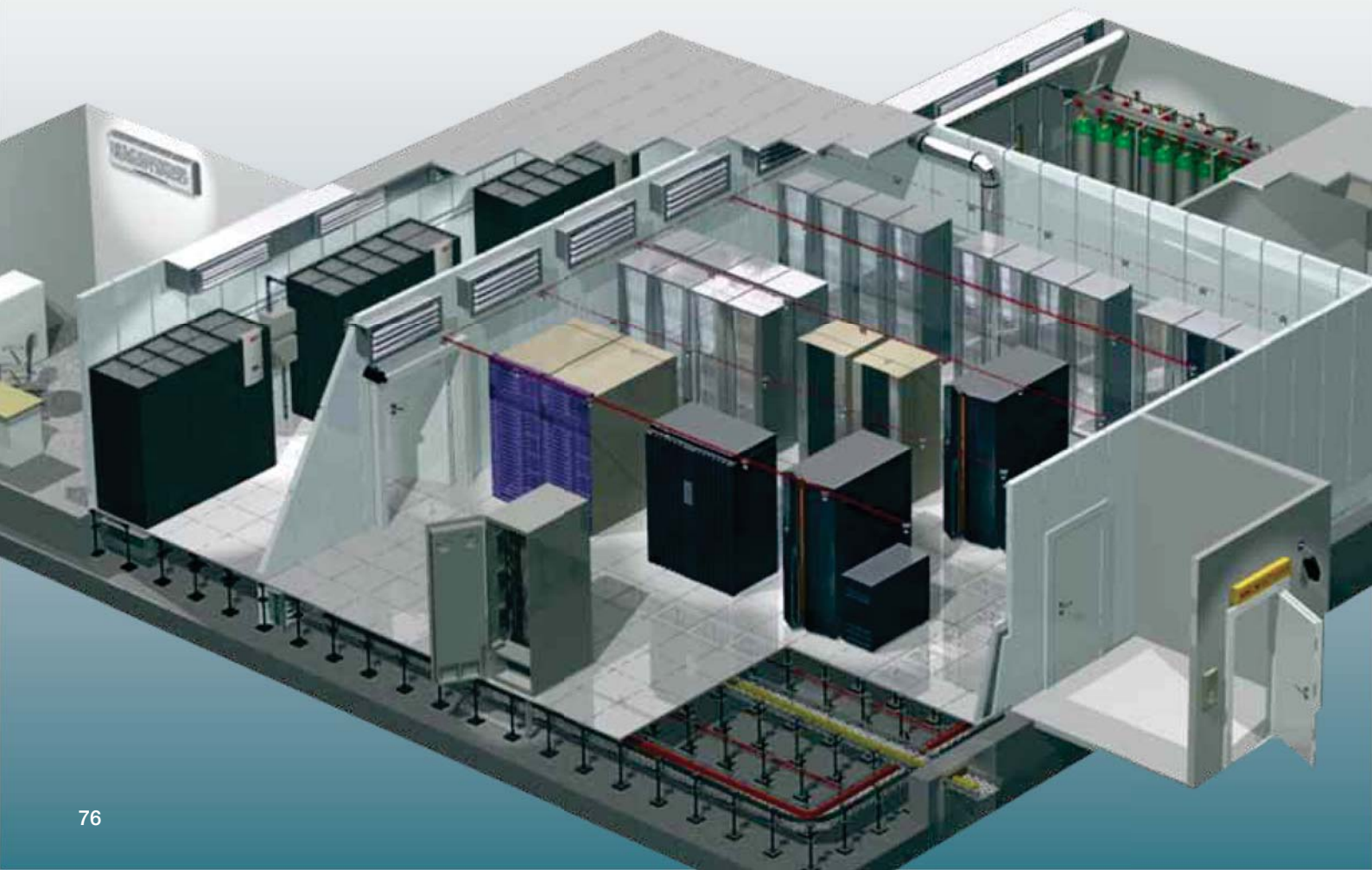
The Outcome: Data centers are becoming increasingly complex worldwide.

The Challenge: The same level of performance and efficiency must also be ensured even in the face of steadily increasing data volumes.

The Solution: A clean and efficient infrastructure.

ASSMANN - The Infrastructure Supplier for your Data Center

- ✓ Reducing complexity - We make data centers easier to understand!
- ✓ Organizing infrastructure - We make data centers more organized!
- ✓ Increasing reliability - We make data centers more secure!
- ✓ Increasing efficiency - We make data centers more productive!
- ✓ Intelligently utilizing technology - We make data centers more environmentally friendly!



Increasing Amounts of Data Require Ever-Increasing Capacity

Even virtual data backup in the cloud is ultimately based on physical data processing centers. ASSMANN introduces remarkably high-quality and robust cabinets for your data centers under the DIGITUS[®] Unique server and network cabinet series. These cabinets impress with their strong durability, cost effectiveness, and are suitable for use in cold and hot aisle systems. In addition, elaborate closing mechanisms safeguard against security breaches and lay the foundation for data security in your company.

It is important for us that the racks can be fully installed within the shortest amount of time. To that end, we utilize quick connectors and intelligent connection systems. This makes constructing a complete data center both quicker and more cost-effective.

Energy Efficiency in Data Centers

Energy efficiency is one of the greatest challenges of planning data center infrastructures. Data center operators must have the capability to constantly perform measurements and to control power consumption. Precise monitoring is a prerequisite for determining potential energy savings and for the ability to plan effective measures.

Four Steps to an Energy-Efficient Data Center:

1. Keep an eye on power usage effectiveness (PUE value)
2. Monitor and intelligently utilize hot and cold air flows
3. Use smart lighting systems
4. Use free cooling

An energy-efficient data center design not only saves energy costs, but it can also increase data center reliability and availability.

Why Should you Choose the ASSMANN Solution?

We emphasize the monitoring of cold and hot air flows during the energy-efficient design of a data center. With our housing solution, we avoid mixing hot and cold air. This improves data center operations and leads to the ability to specifically save energy.

Increased Reliability via Air Flow Monitoring

The ASSMANN airflow solution allows you to monitor airflows. For instance, we use blank panels to seal empty spaces in the rack. This can increase your data center's energy efficiency by 15 to 30 percent. At the same time, you will increase system stability and reduce your facility's CO₂ emissions.

Passive cooling management prevents cold and hot air from mixing together and isolates undesired flows using special ventilators. This solution, combined with the ASSMANN cooling solution, also improves the energy balance of your data center.

Measure your Way to Success – Energy Savings Through Monitoring

Power consumption in data centers should be constantly monitored. All infrastructure components from individual racks to the lighting must be carefully inspected. Regular monitoring and comparison of results are important in order to be able to plan sensible measures.

Let's be Critical: Where Lies the Potential for Savings?

Many elements can be replaced at a moderate expense and offer enormous savings potential at the same time. You can optimize power distribution and significantly reduce energy consumption just with our intelligent PDUs alone.

Specific Temperature Increases Help Save Energy!

Increasing the temperature in your data center can actually help reduce energy consumption. In order to proceed down this new path, ASSMANN has developed an advanced cooling system with variable EC ventilators.

DIGITUS® Server Cabinet

600, 800 mm width – 1000, 1200 mm depth



- IP20 protection rating
- 80% perforated steel front and rear door with swiveling lever handle and profile cylinder
- 4-point locking mechanism front door, 3-point locking mechanism rear door
- Lockable side panels
- EMKA 333 lock (front and rear door)
- EMKA 9081 lock (side components)
- 230° Door opening angle, front and rear door
- Door stop is easily changeable
- Modular aluminum frame construction
- High frame strength thanks to special flexible sheet technology
- 1.5 mm sheet steel
- 1000 kg load capacity
- 19" DIN rails mounted in the front and rear inside the cabinet
- 19" Variable-depth DIN rails
- 19" DIN rails with RU markings
- Large cable inlet with foam rubber sealing on the bottom and roof module
- Leveling feet for secure installation and positioning
- Roof ventilation module for mounting fan panel
- 2 screws for doors and side panels
- Available in colors RAL7035 light gray and RAL9005 black
- Multiple grounding points in cabinet for installed components
- Product is supplied fully assembled
- Comprehensive accessories available

Some significant advantages of this cabinet series are air circulation (high perforation 63%) and cooling management (ventilation). The Unique series allows for easy access to components via a quick-release fastener system for the side panels as well as the front and rear door. Each cabinet is equipped with two sets of robust 19" DIN rails, which can be adjusted throughout the cabinet's entire depth. Between the DIN rails are four sets of depth stays, which give the cabinet extra rigidity.

This cabinet series has a load capacity of up to 1000 kg. The swiveling lever handle contains a 4-point locking mechanism on the front door and a 3-point locking mechanism on the rear door. All in all, the Unique server cabinet is the perfect solution for your server room.



Swiveling lever handle



Lateral cable duct



Cabinets

Rack units RU	42	42	42	42	42	47	47	47	47	42	47
Width: mm	600	600	600	800	800	600	600	800	800	800	800
Height: mm	2000	2000	2000	2000	2000	2200	2200	2200	2200	2000	2200
Depth: mm	1000	1200	1200	1000	1200	1000	1200	1000	1200	1200	1200
Plane interval 482.6 mm (19")- plane:	750 mm	750 mm	750 mm	750 mm	750 mm	750 mm	750 mm	750 mm	750 mm	750 mm	750 mm
Order number:	DN-19 DC 42U-6/10 vd	DN-19 DC 42U-6/12 vd	DN-19 DC 42U-6/12 vd	DN-19 DC 42U-8/10 vd	DN-19 DC 42U-8/12 vd	DN-19 DC 47U-6/10 vd	DN-19 DC 47U-6/12 vd	DN-19 DC 47U-8/10 vd	DN-19 DC 47U-8/12 vd	DN-19 DC 42U-8/12 gd	DN-19 DC 47U-8/12 gd

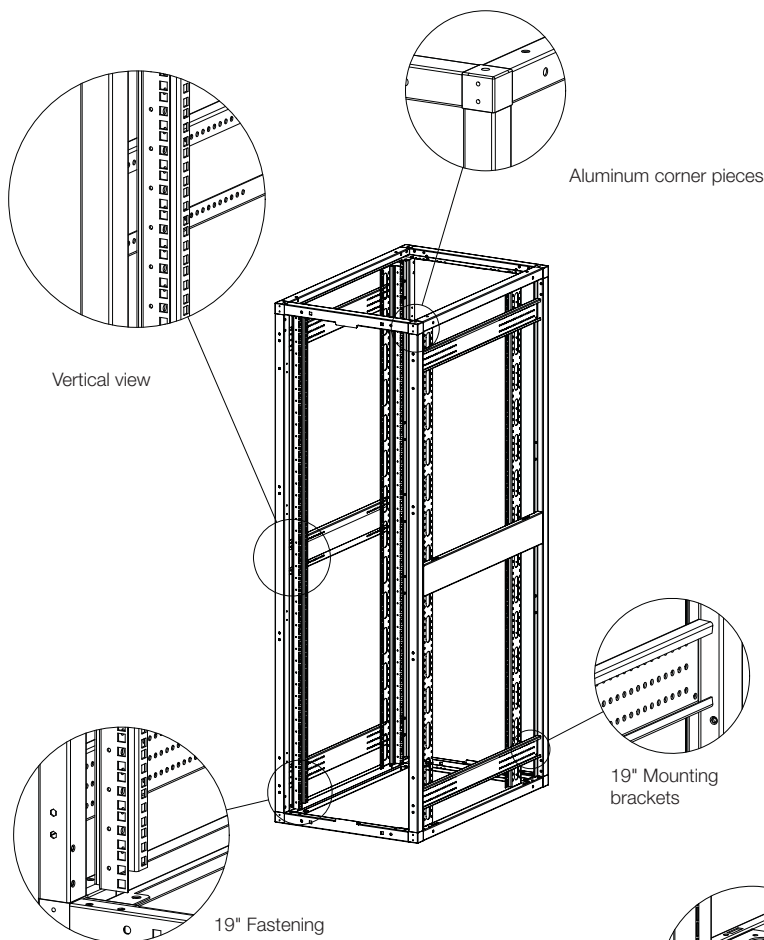
Supplied with

Front glass door with tempered safety glass, 180° hinge, with swiveling lever handle and EMKA 333 safety interlock										✓	✓
Front sheet steel door with (Honeycomb ca. 80% empty area), 180° hinge, with swiveling lever handle and EMKA 333 safety interlock	✓	✓	✓	✓	✓	✓	✓	✓	✓		
Closed rear sheet steel door, 180° hinge, with swiveling lever handle and EMKA 333 safety interlock										✓	✓
Rear sheet steel door with (Honeycomb ca. 80% empty area), 180° hinge, with swiveling lever handle and EMKA 333 safety interlock	✓	✓		✓				✓			
Vertically-divided rear sheet steel door with (Honeycomb ca. 80% empty area), 180° hinge, with swiveling lever handle and EMKA 333 safety interlock			✓		✓	✓	✓		✓		
One-piece roof sheeting with 4 lateral and one rear (70 x 360 mm) cable inlet scrap with covered cutout				✓	✓			✓	✓	✓	✓
One-piece roof sheeting with 4 lateral (70 x 360 mm) and one rear (70 x 146 mm) cable inlet scrap with covered cutout	✓	✓	✓			✓	✓				
Multi-part floor module with cable inlet	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
One 482.6 mm (19") variable plane for both the front and rear with depth stays and RU markings	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Lateral air containment for front 482.6 mm (19") plane each with vertical 3 x 2RU (pre-punched).				✓	✓			✓	✓	✓	✓
Lateral air containment for front 482.6 mm (19") plane	✓	✓	✓			✓	✓				
Grounding separately included	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Accessories

Horizontal side panels divided into 2 with screws and handle grip	DN-19 SP-SRV- 42U-1	DN-19 SP-SRV- 42U-1	DN-19 SP-SRV- 42U-1	DN-19 SP-SRV- 42U-1	DN-19 SP-SRV- 42U-1	DN-19 SP-SRV- 47U-1	DN-19 SP-SRV- 47U-1	DN-19 SP-SRV- 47U-1	DN-19 SP-SRV- 47U-1	DN-19 SP-SRV- 42U-1	DN-19 SP-SRV- 47U-1
Mounting plate for front-rear side	DN-19 CSKD	DN-19 CSKD	DN-19 CSKD	DN-19 CSKD	DN-19 CSKD	DN-19 CSKD	DN-19 CSKD	DN-19 CSKD	DN-19 CSKD	DN-19 CSKD	DN-19 CSKD
Measurable/switchable PDU, 3-phase 32A, 18x13 + 6xC19, IP capable, LED panel	DN- 956018	DN- 956018	DN- 956018	DN- 956018	DN- 956018	DN- 956018	DN- 956018	DN- 956018	DN- 956018	DN- 956018	DN- 956018
1 measurable RU PDU, 8x C13, max. 10A, 1-phase, IP capable, LED panel	DN-95602	DN-95602	DN-95602	DN-95602	DN-95602	DN-95602	DN-95602	DN-95602	DN-95602	DN-95602	DN-95602
1 RU depth-adjustable guide rail, 110 kg load, manufacturer-neutral rack	DN-19 DR	DN-19 DR	DN-19 DR	DN-19 DR	DN-19 DR	DN-19 DR	DN-19 DR	DN-19 DR	DN-19 DR	DN-19 DR	DN-19 DR
1 RU lower shelf, 600 mm deep, 100 kg load, manufacturer-neutral rack	DN-19 TRAY DR	DN-19 TRAY DR	DN-19 TRAY DR	DN-19 TRAY DR	DN-19 TRAY DR	DN-19 TRAY DR	DN-19 TRAY DR	DN-19 TRAY DR	DN-19 TRAY DR	DN-19 TRAY DR	DN-19 TRAY DR
DN Multisensor PRO monitoring system	DN-95703	DN-95703	DN-95703	DN-95703	DN-95703	DN-95703	DN-95703	DN-95703	DN-95703	DN-95703	DN-95703

Construction in Detail



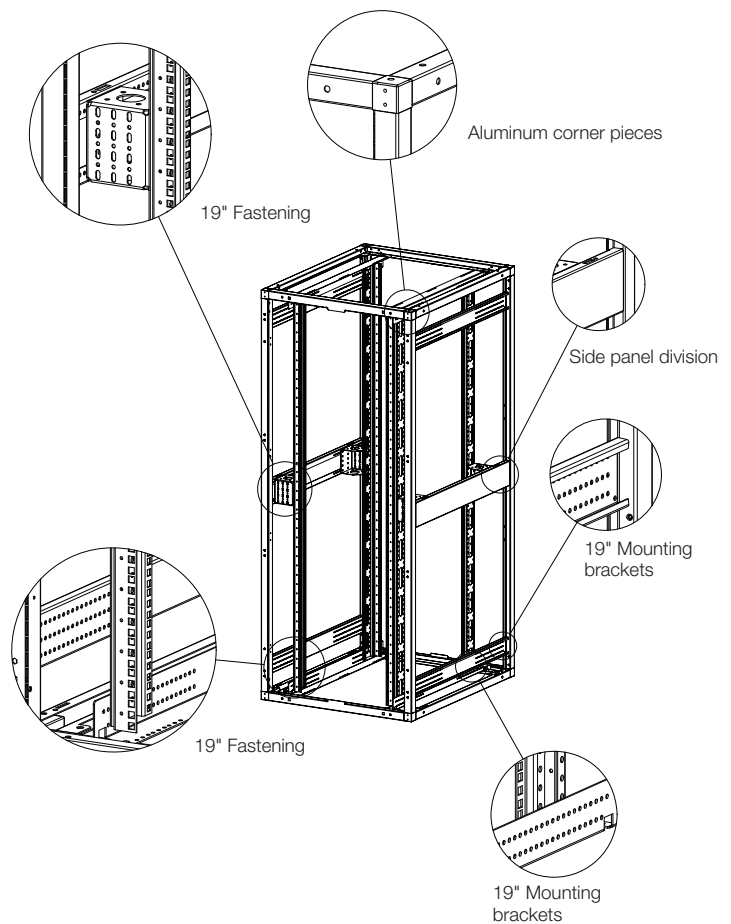
A network and server cabinet must live up to the expectations of modern data centers - among them are the ability to be used in a versatile manner and to be individually customizable.

The DIGITUS® network and server cabinets of the Unique series offer reliable stability no matter where they are used. Thanks to its large construction and its well-thought-out structure, it can be disassembled and reassembled at another location at any time. They are tested for shock and vibration resistance and are also available in an earthquake-resistant design upon request.

EXTRAS

The DIN rails are marked with the corresponding rack unit. This makes installing 19" components even easier and quicker.

For perfect cable management, we offer a comprehensive accessory product range, such as Velcro tape, self-adhesive twist wire tie, and cable straps with a space for labeling.

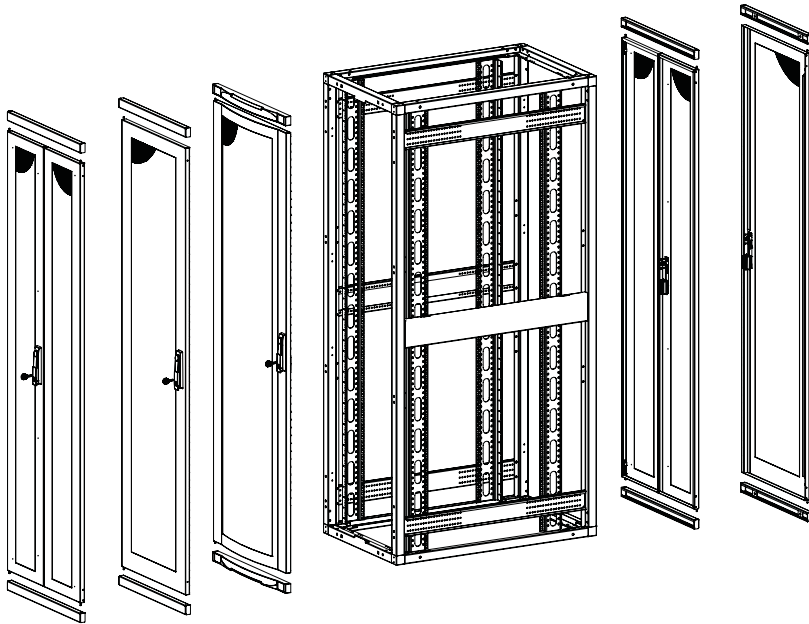




Front & Rear Doors

Door Options for your Rack

The right ventilation for a rack begins with the selection of a door option. Our network and server cabinets are compelling thanks to solutions that are as simple as they are effective. All doors are equipped with 180 degree hinges and comfortable swivel lever handles. The perforated doors with an 80% free area are ideally suitable for use in data centers of any size and complexity.



Two-piece passively ventilated door – door made of sheet steel with honey-comb perforation (80% open area)

One-piece passively ventilated door – door made of sheet steel with honey-comb perforation (80% open area)

The door stop can be optionally repositioned from left to right.

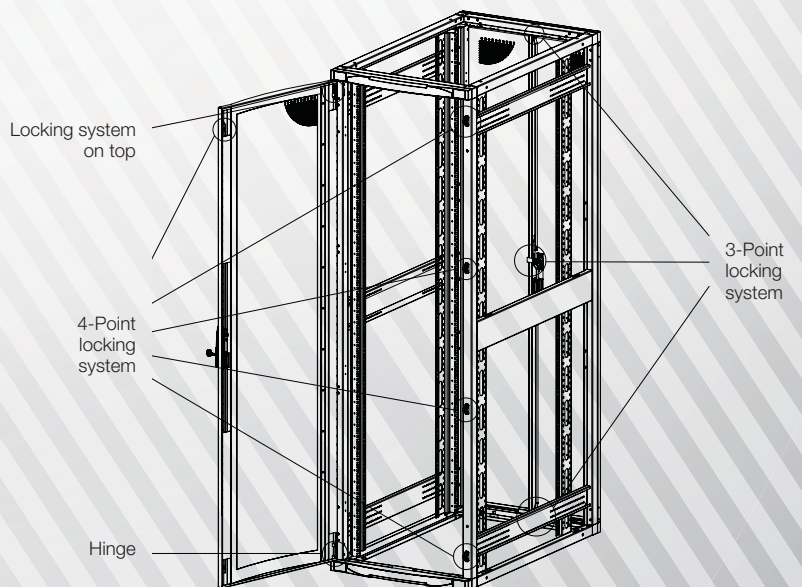
Secure and Yet, Easy to Access

Protect your 19" components and your data along with it. All doors are equipped with a lockable swivel lever handle.

3-Point locking mechanism

4-Point locking mechanism

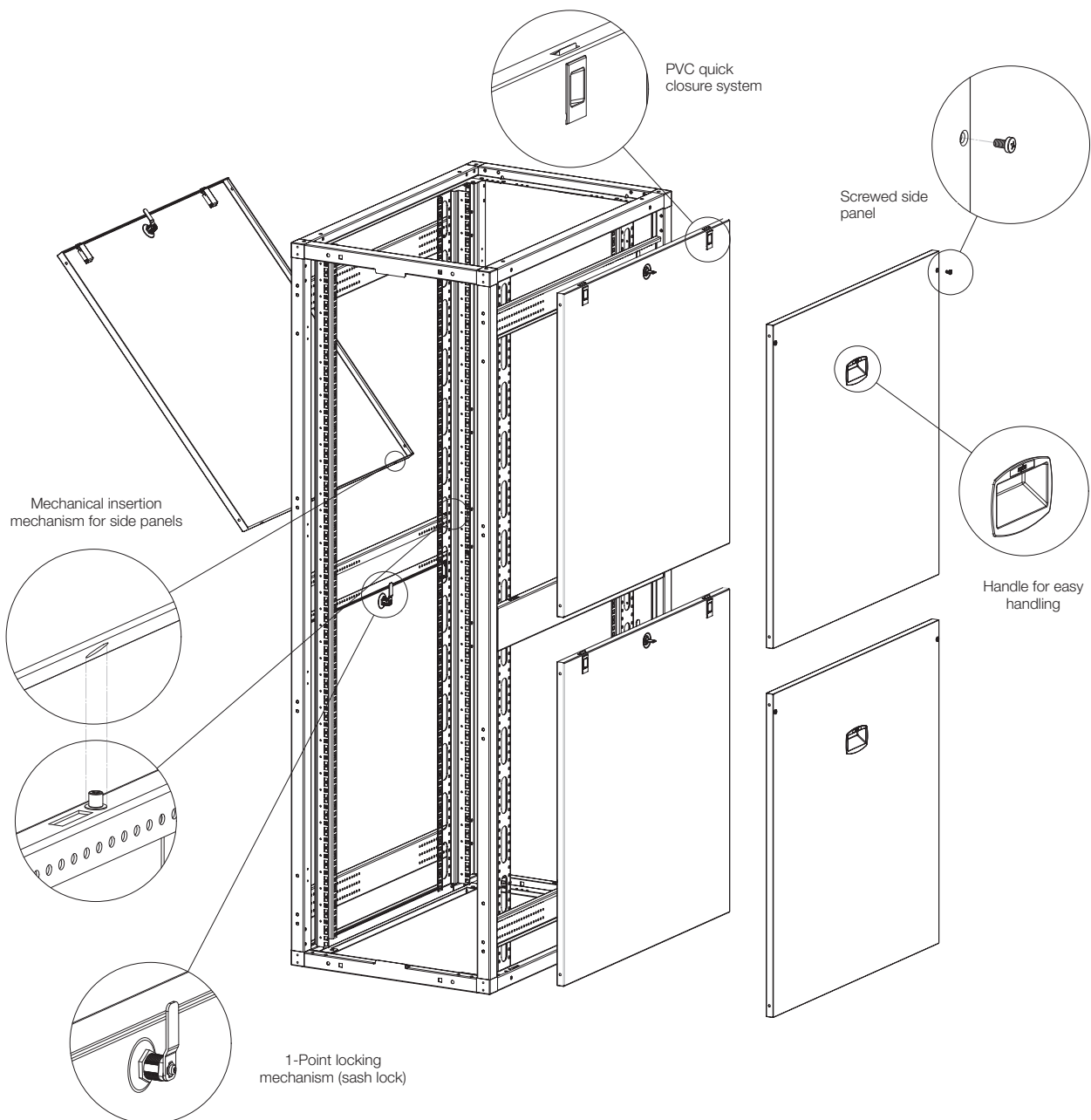
Either a 4-point or 3-point locking mechanism is available depending on the height of the cabinet.



Side Options for your Data Center

Your racks stand side-by-side in large data centers. Here it is advantageous to use flexible side panels which can always be removed whenever a row of network or server cabinets requires expansion.

In contrast, side panels must offer the required security that is important for small units. Ease of use and tool-free installation make our two-piece side panels with clip locks and locking mechanism possible. 19" components are easily accessible from the side thanks to the flexible clip system. But they may only be accessed by authorized IT specialists, who possess the necessary keys. It goes without saying that all side panels are suitable for IT climate control and rack deletion.



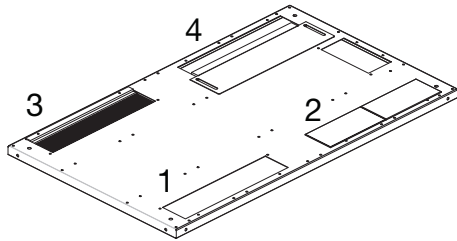
DN-19 SP-SRV-42U-1

Screwed side panel, 2000 mm height x 1000 mm depth

DN-19 SP-SRV-47U-1

Screwed side panel, 2200 mm height x 1000 mm depth

Roof Plate Depth: 1000, 1200 mm

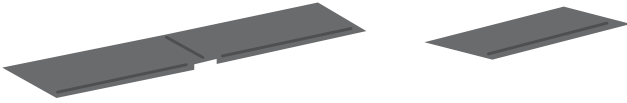


Option A or B

1 Empty



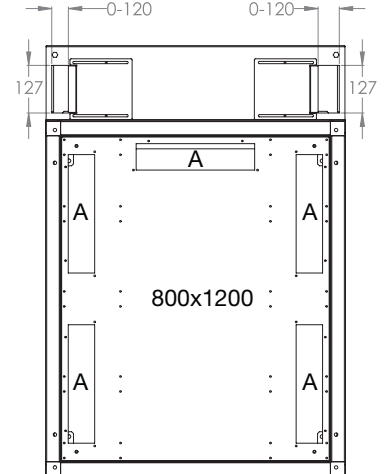
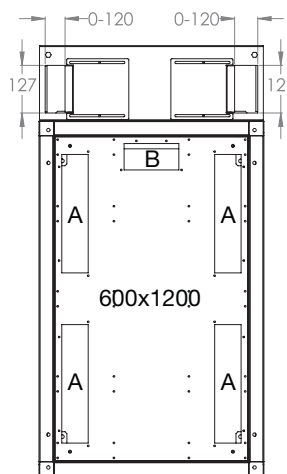
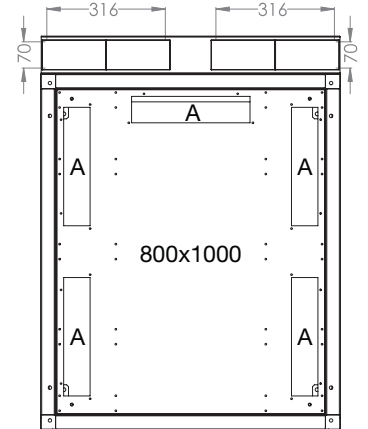
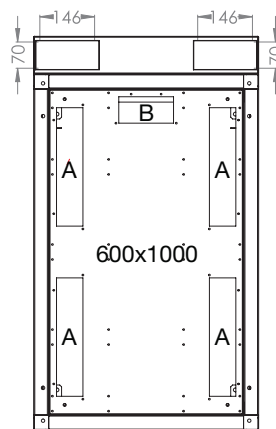
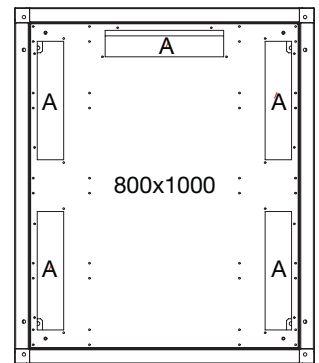
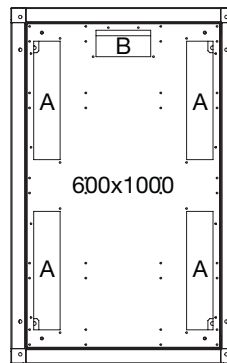
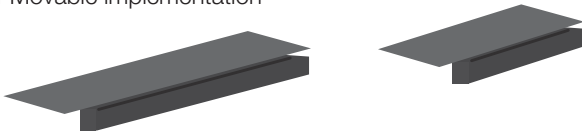
2 Plastic cover



3 Brush strip



4 Movable implementation



Thanks to the various options, cable bushings can be constructed depending on requirements.

A: Dimensions: 70 x 316 mm
B: Dimensions: 70 x 146 mm

DN-19 ADB-1

Brush strip, 70 x 316 mm

DN-19 ADP-1

Plastic cover, 70 x 316 mm

DN-19 ADV-1

Movable cable Inlet, 70 x 316 mm

DN-19 BDB-1

Brush strip, 70 x 146 mm

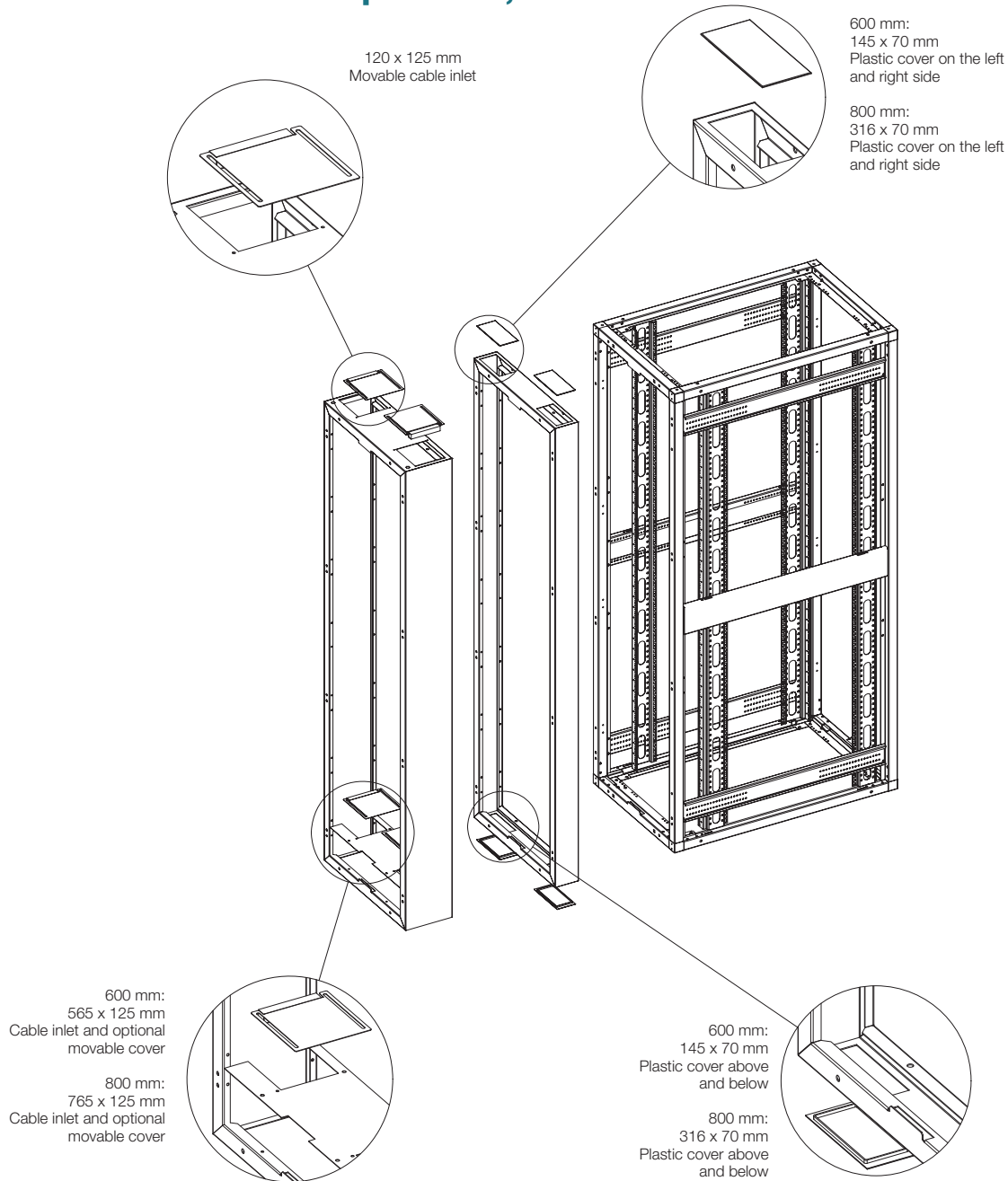
DN-19 BDP-1

Plastic cover, 70 x 146 mm

DN-19 BDV-1

Movable cable inlet, 70 x 146 mm

Attachment Frame Depth: 100, 200 mm



DN-19 42U-AT-1/6

Attachment frame 600 mm x 2000 x 100 mm (WxHxD)

DN-19 42U-AT-2/6

Attachment frame 600 mm x 2000 x 200 mm (WxHxD)

DN-19 47U-AT-1/6

Attachment frame 600 mm x 2200 x 100 mm (WxHxD)

DN-19 47U-AT-2/6

Attachment frame 600 mm x 2200 x 200 mm (WxHxD)

DN-19 42U-AT-1/8

Attachment frame 800 mm x 2000 x 100 mm (WxHxD)

DN-19 42U-AT-2/8

Attachment frame 800 mm x 2000 x 200 mm (WxHxD)

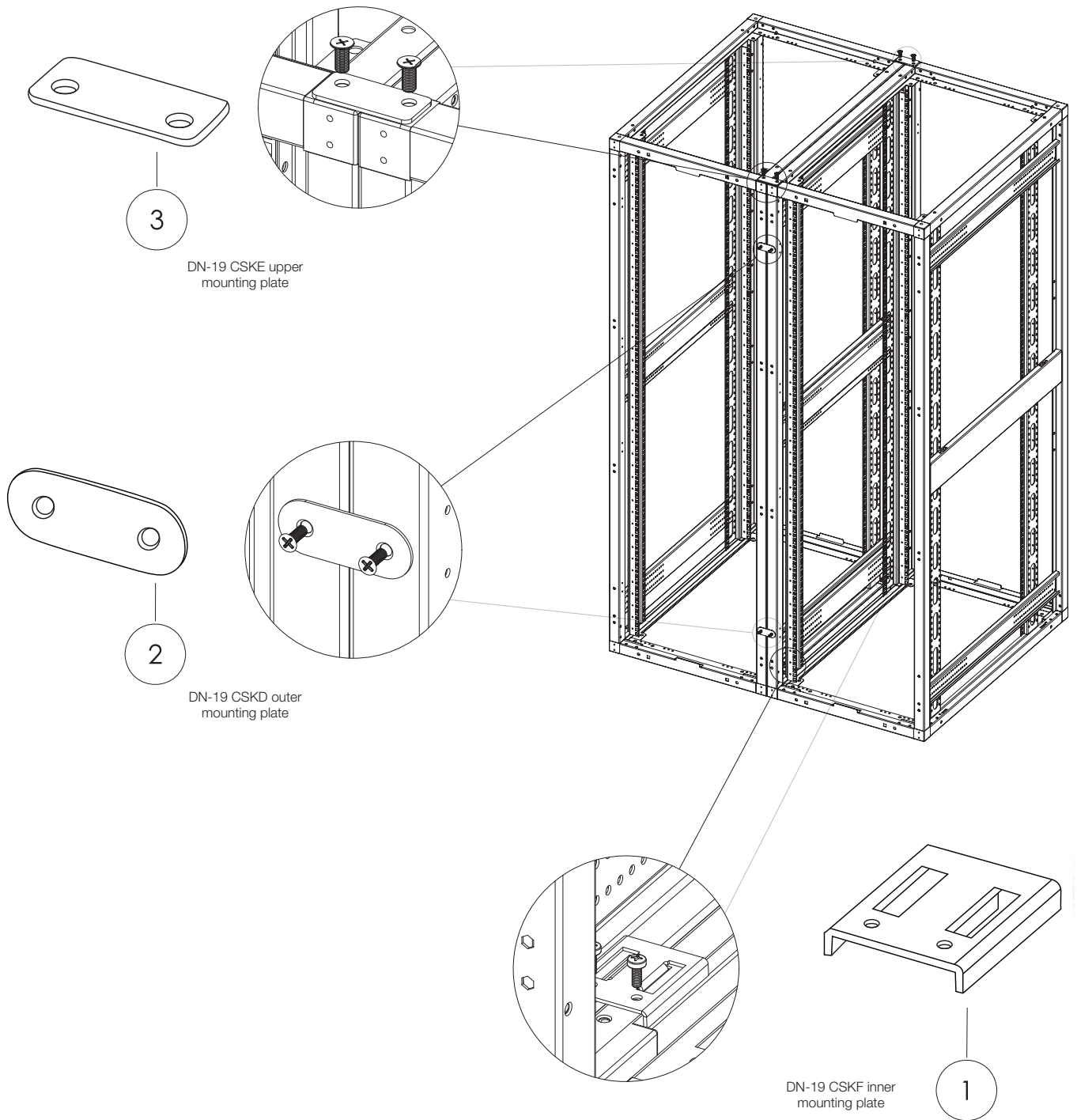
DN-19 47U-AT-1/8

Attachment frame 800 mm x 2200 x 100 mm (WxHxD)

DN-19 47U-AT-2/8

Attachment frame 800 mm x 2200 x 200 mm (WxHxD)

Baying Kits



DN-19 CSKF inner mounting plate

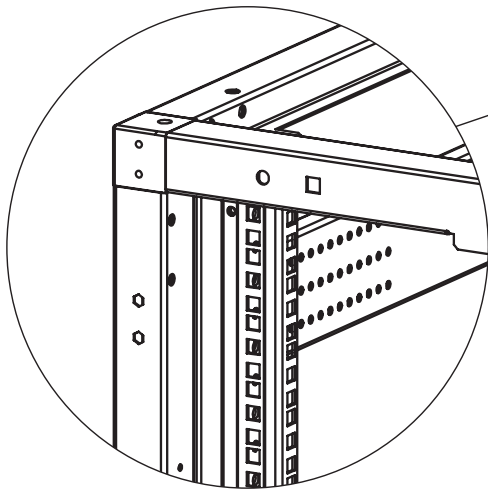
DN-19 CSKE upper mounting plate

DN-19 CSKD outer mounting plate

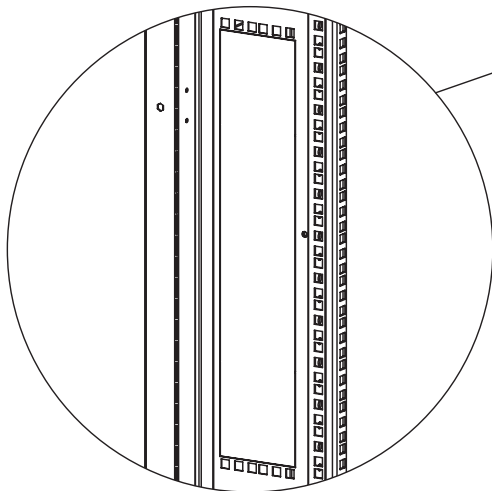
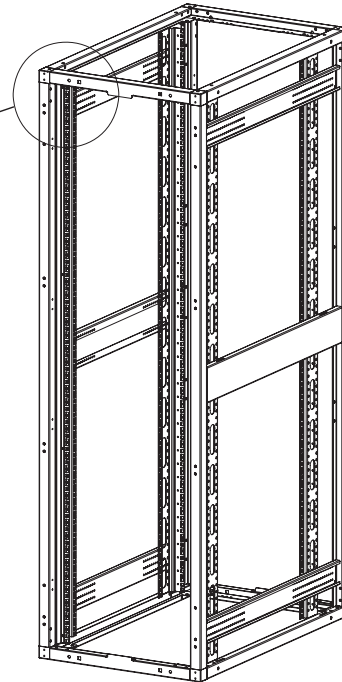
- DN-19 CSKF**
Inner mounting plate (only usable without side covers)
- DN-19 CSKD**
Outer mounting plate
- DN-19 CSKE**
Upper mounting plate

Vertical Air Separator

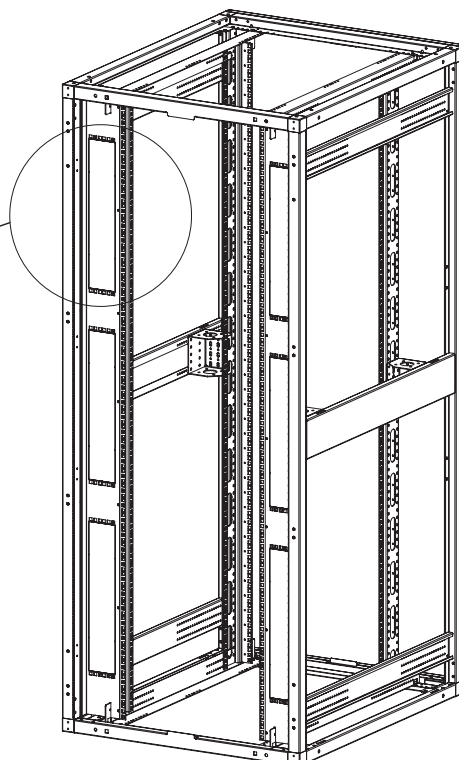
When it comes to 800 mm server racks, it is important that the cold air which flows through the door is effectively conducted to the installed components. The vertical air separator prevents it from flowing along the vertical 19" rails unused. The vertical air separator is installed between the rails and the cabinet frame. The additional 3 x 2HR rail allows for the cable routing to be placed in the rear part of the cabinet. The vertical air separator is moved together with the vertical grid rails, which can still be optionally fastened. This ensures that you are not limited when choosing a technology.



Width: 600 mm
Air separator on the side of the 19" plane

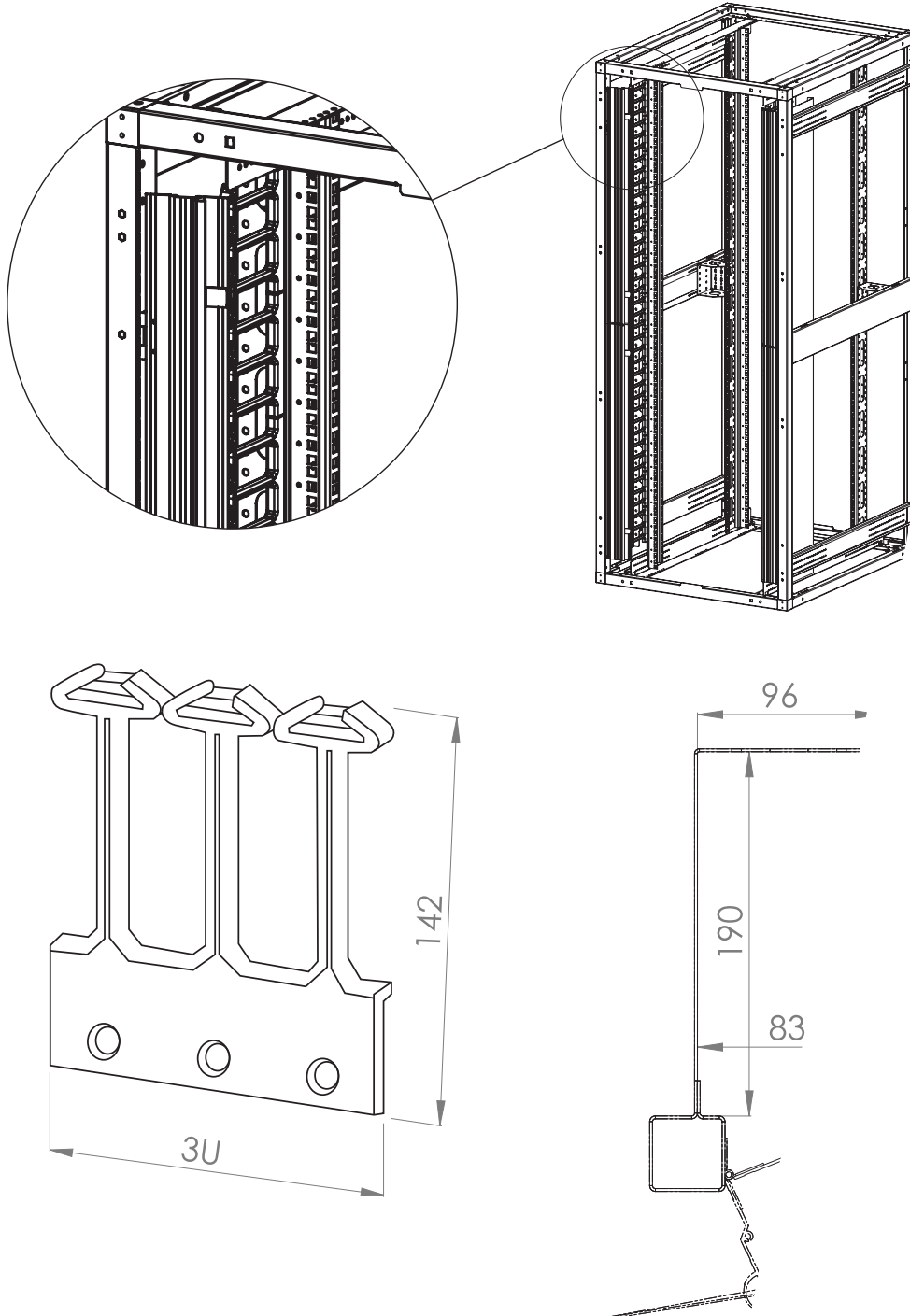


Width: 800 mm
Air separator on the side of the 19" plane with 6 U



Vertical Cable Duct (only for widths of 800 mm)

The cables can be orderly run along the side adjacent to the 19" plane via the vertical cable canal. This also enables you to lead them away towards the rear. Plastic fingers on the side of the cable canal allow you to run the cable in front of the 19" plane. The cable canal is closed with a foldaway cover.



DN-19 TRAY-42U-V

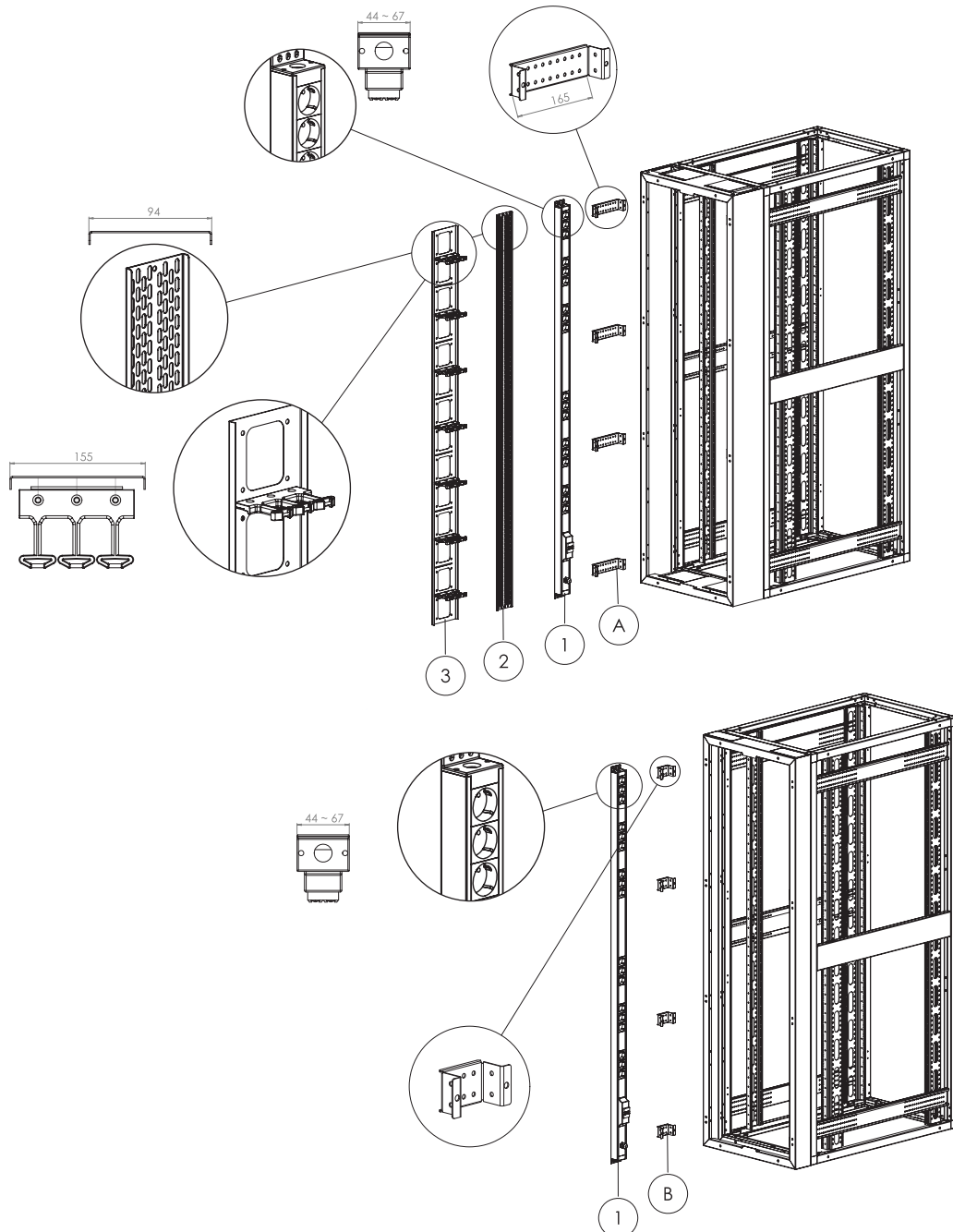
Vertical cable duct canal, 2000 mm in height

DN-19 TRAY-47U-V

Vertical cable duct canal, 2200 mm in height

Attachment Frame Accessories

Modular accessories for the attachment frame allow for the installation of many components such as e.g. power outlet strips, cable troughs, or cable routing fingers. A max. of 1 power outlet strip can be installed in the 100 mm deep attachment frame and a max. of 2 power outlet strips can be installed in the 200 mm deep attachment frame.



DN-19 B-2
Fastener for power outlet strip (200 mm attachment frame)

DN-19 TRAY-42U-4
Vertical cable trough, 2000 mm height (200 mm attachment frame)

DN-19 TRAY-47U-4
Vertical cable trough, 2200 mm height (200 mm attachment frame)

DN-19 TRAY-V-5
Plastic cable duct (200 mm attachment frame)

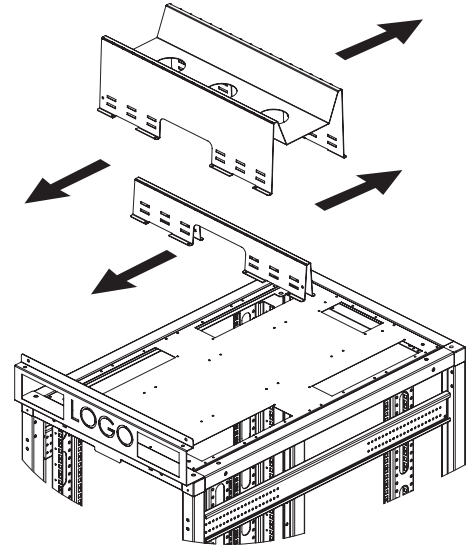
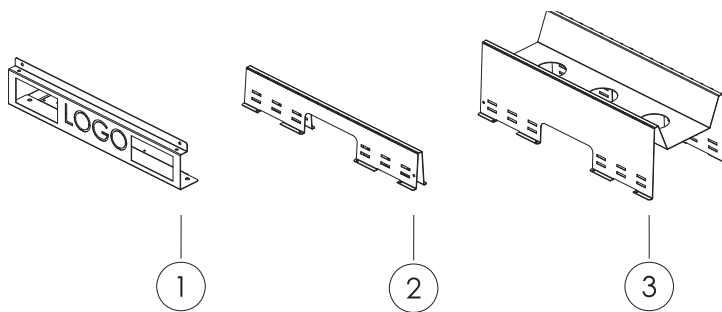
DN-19 B-1
Fastener for power outlet strip (100 mm attachment frame)

Roof Plate Cable Duct Accessories

Thanks to the various cable routing implementations in the server rack, you can choose from modular installation options such as e.g. single-row separation or dual-row cable duct separation.

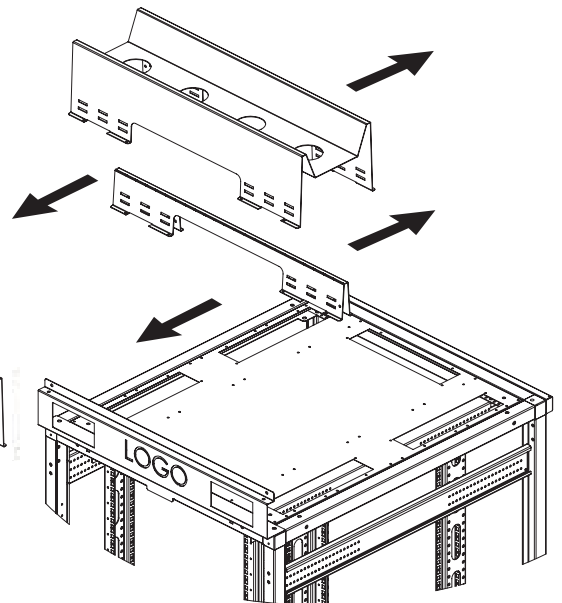
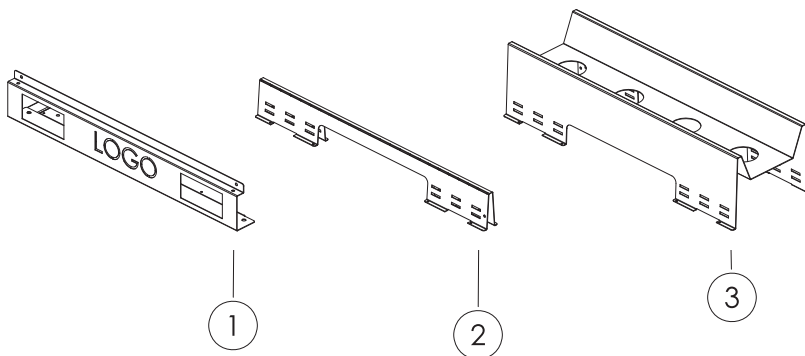
Cable duct for 600 mm wide racks

Closed roof elevation One-piece cable duct Two-piece cable duct



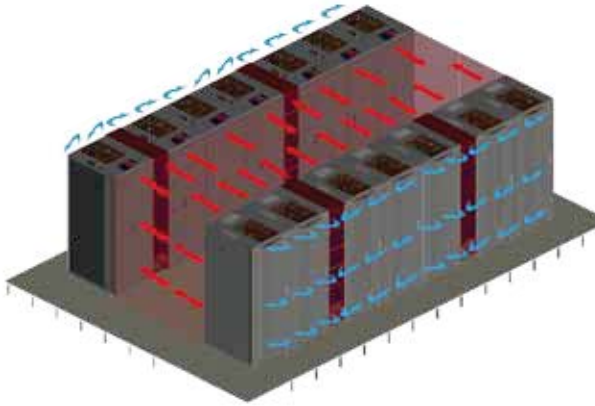
Cable Duct for 800 mm Wide Racks

Closed roof elevation One-piece cable duct Two-piece cable duct



- DN-97603**
Cable duct on the cabinet roof 600 mm x 120 mm (WxH) (each)
- DN-97604**
Cable duct on the cabinet roof 800 mm x 120 mm (WxH) (each)
- DN-97605**
Front label plate on the cabinet roof 600 mm x 120 mm (WxH) (each)
- DN-97606**
Front label plate on the cabinet roof 800 mm x 120 mm (WxH) (each)
- DN-97607**
Cable duct on the cabinet roof 600 mm x 200 mm (WxH) (each) (suitable dimensions for wiring: 600 mm x 80 mm x 50 mm)
- DN-97608**
Cable duct on the cabinet roof 800 mm x 200 mm (WxH) (each) (suitable dimensions for wiring: 800 mm x 80 mm x 150 mm)

Climate Control Solution



Hot/Cold Aisle

The hot/cold aisle configuration is a standard solution for data centers. The server racks' front side faces one another, wherein the cold air flows out of the perforated floor plates and into the raised floor.

The ANSI/TIA/EIA-942-A standard recommends 1.2 m wide cold aisles. This is equal to the size of two raised floor plates. The cold air is directed through the perforated floor plates before the front side of all cabinets and absorbed into every manifold through the server.

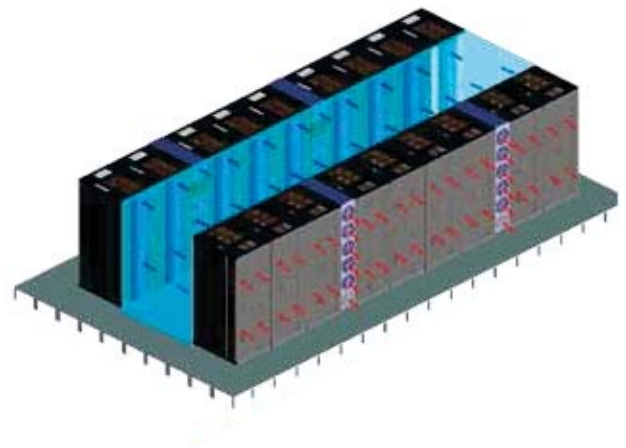
The cold air enters through the perforated doors with 80% of the airflow reaching the active components. In order to specifically direct the air in front of the racks, all other openings on the floor, such as e.g. cable routing, must be covered with a facing. Rationale: Static pressure in the raised floor must be maintained and the loss of cold air must be minimized.

Close-Coupled Cooling

An open hot/cold aisle harbors the risk of insufficient hot air circulation within itself and thus, the risk of forming hot spots as well. Close-coupled cooling is a solution to this problem. This closed, expandable, and modular system physically separates the cold air emanating out of the air conditioning unit from the hot air exhaust.

A separate room with cold air is created using plates that are manufactured to size and a system of doors. This prevents the mixing of hot and cold air. The cold air is directed through the perforated raised floor plates in the sealed aisle. Alternatively, lateral air conditioning units can be installed directly in the rows between the manifolds.

The standard width of a closed-coupling cooling system amounts to 1.2 m (two floor plates) or 1.8 m (three floor plates). Moreover, the aisles are additionally equipped with sliding glass doors. This solution is especially recommended due to the efficiency of the cooling capacity and the high energy savings.



Air Conditioning Cabinets

Raised floor cooling systems (called circulating air coolers, air conditioning cabinets, or precision air conditioning units as well) originate from the area of mainframes, where the systems were supplied "from below". This type of feeding system has completely changed with the use of the 19" plane. Today's IT components are not supplied horizontally but rather vertically for the most part. This means additional energy costs due to air redirection.

Raised floor systems have proven their worth and can be practically used in large areas. The dynamic pressure of a manifold in an air conditioning cabinet is converted into static pressure within the raised floor, thereby ensuring equal pressure in every spot in the data center. However, this only works if the raised floor is (and remains) sealed. The raised floor in this system constitutes a part of the air conditioning solution and should rather not be used as an installation floor (for laying cables, power rails, electrical sockets etc.).



Cold/Hot Aisle Enclosure (Doors)

Ideal cooling is necessary when adding multiple server racks to a data center. Unregulated air flows are costly and ineffective. In order to regularly comply with the hot/cold aisle concept, the aisles must be enclosed and they must be separated from their surroundings with sliding panels.

Through this insulation, the cold air can be specifically directed between the server racks facing one another. The resulting hot air is then dispensed towards the rear part of the server rack row. There, it is absorbed by an air conditioning unit, re-cooled, and directed back between the server racks. This setup is known as "cold aisle". Hot aisle works using a reverse principle. A cold air accumulator is located around the manifold. The hot air accumulates in the warm aisle. We sell standard components for constructing the "aisles". We would naturally be more than happy to prepare special solutions upon request as well.


DN-19 42U-CS

One-piece door (tempered safety glass), manually opened, 2000 mm x 1200 mm

DN-19 47U-CS

One-piece door (tempered safety glass), manually opened, 2200 mm x 1200 mm

DN-19 42U-CS-2

Two-piece door (tempered safety glass), manually opened, 2000 mm x 1200 mm

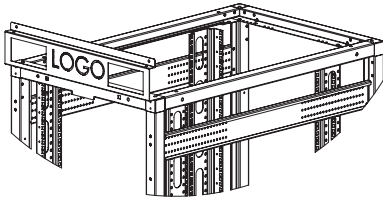
DN-19 47U-CS-2

Two-piece door (tempered safety glass), manually opened, 2200 mm x 1200 mm

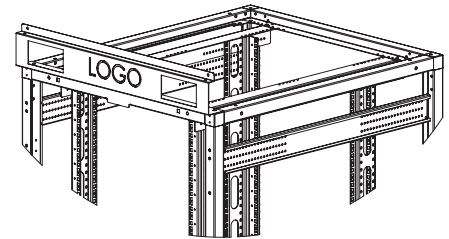
Cold/Hot Aisle Enclosure (Roofs)

The aisle roofs are made of clear laminated safety glass; the overlays are designed using a T-slotted aluminum profile along the aisle's width.

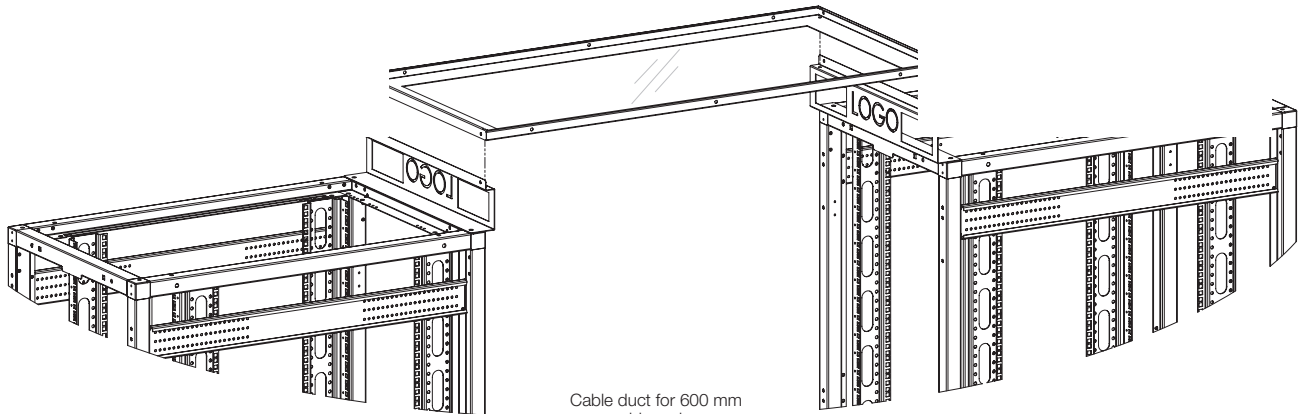
- ✓ We can also provide makrolon if desired.
- ✓ Aisle roofs with a width (W) of: 300 mm and 800 mm and a depth (D) of 1200 mm are normally used.



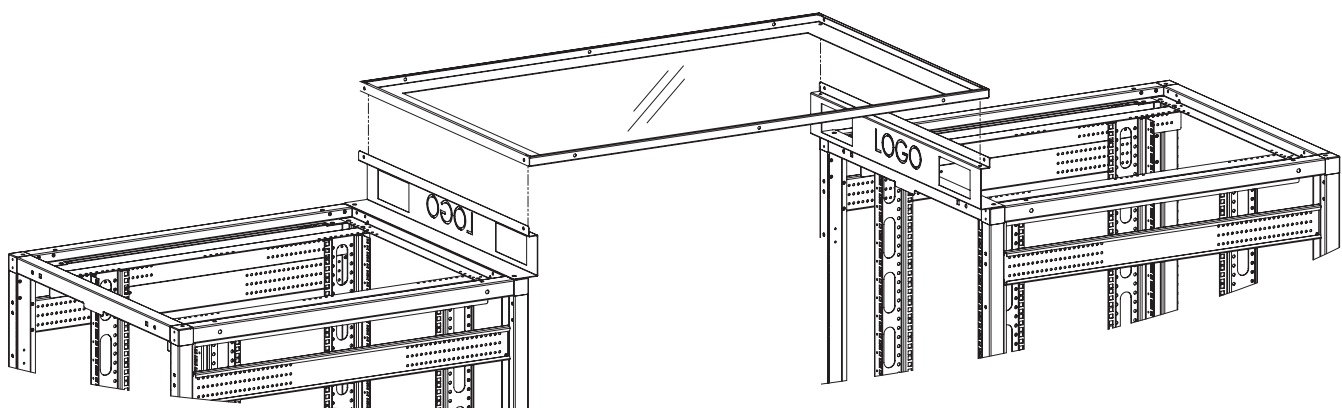
Width: 600 mm roof elevation



Width: 800 mm roof elevation



Cable duct for 600 mm wide racks



Cable duct for 800 mm wide racks

DN-19 ROOF-CS-3
Laminated safety glass with t-slotted aluminum profile 300 x 1200 mm

DN-19 ROOF-CS-6
Laminated safety glass with t-slotted aluminum profile 600 x 1200 mm

DN-19 ROOF-CS-8
Laminated safety glass with t-slotted aluminum profile 800 x 1200 mm

Side Cooler (Cold Water & Refrigerant)

The side coolers were specially developed for cooling server racks with high packing density and for ensuring reliable cooling to all servers thanks to its targeted air flow toward the rack.



Side Cooler Technical Data (DX)	
Refrigerating capacity (kW)	5 - 35
Vaporization temperature (°C)	15
Condensation temperature (°C)	30 - 55
Sound power (dB(A))	78
Airflow rate (m³/h)	2500 - 6000
Air speed (m/s)	2.0 - 3.0
Intake air (°C)	Max. 35
Exhaust temperature (°C)	10 to 25
Power supply (V) (A)	230/6
Ventilators	6
Refrigerant	R410a
Weight (kg)	280
Electronically adjustable (V)	0 - 10

Side Cooler Technical Data (CW)	
Refrigerating capacity (kW)	10/20/30
Water intake (°C)	16 to 18
Water discharge (°C)	22 to 24
Sound power (dB(A))	78
Airflow rate (m³/h)	4000 - 6000
Air speed (m/s)	2.5 - 3.0
Intake air (°C)	Max. 35
Exhaust temperature (°C)	10 to 25
Power supply (V) (A)	230/6
Ventilators	6
Flow volume (m³/h)	4.38
Weight (kg)	280
Electronically adjustable (V)	0 - 10
Normally closed 3-way valve	
Water supply (")	1

DN-19 42U-3/10 CW

Side cooler (open system) CW, 300 mm x 2000 mm x 1000 mm

DN-19 47U-3/10 CW

Side cooler (open system) CW, 300 mm x 2200 mm x 1000 mm

DN-19 42U-3/12 CW

Side cooler (open system) CW, 300 mm x 2000 mm x 1200 mm

DN-19 47U-3/12 CW

Side cooler (open system) CW, 300 mm x 2200 mm x 1200 mm

DN-19 42U-3/10 DX

Side cooler (open system) DX, 300 mm x 2000 mm x 1000 mm

DN-19 47U-3/10 DX

Side cooler (open system) DX, 300 mm x 2200 mm x 1000 mm

DN-19 42U-3/12 DX

Side cooler (open system) DX, 300 mm x 2000 mm x 1200 mm

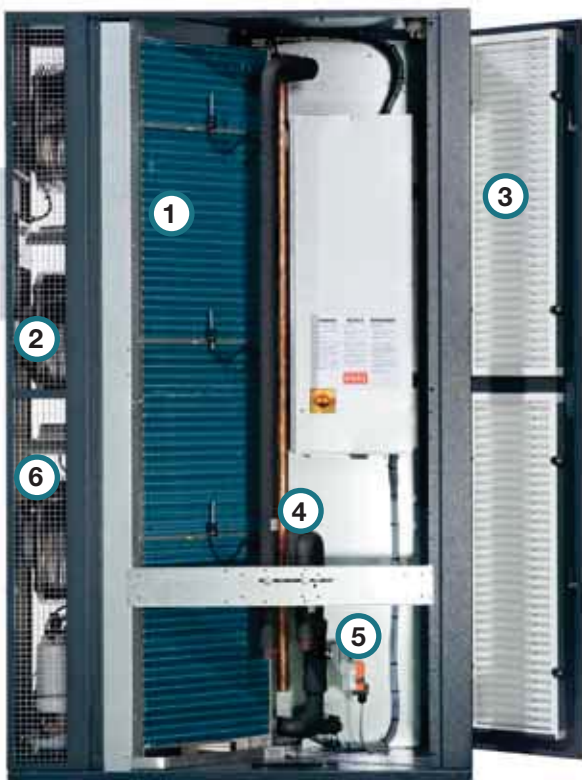
DN-19 47U-3/12 DX

Side cooler (open system) DX, 300 mm x 2200 mm x 1200 mm

Side Cooler (Cold Water)

There are many ways to air condition a data center and any method can lead you to your goal. In order to deliver the best results for your needs, we offer the CyberRow air conditioning solution, which horizontally conducts the air in two directions in front of the server racks.

CyberRow is a stand-alone air conditioning unit and is installed independent from the rack. Complete system separation between the rack and air conditioning unit increases reliability and provides more freedom in data center design.



- 1 CW-Registers with low airborne and upstream pressure losses
- 2 EC ventilators
- 3 Air filters
- 4 Piping connections (top and bottom)
- 5 2-way valve
- 6 Optimized air guide vane



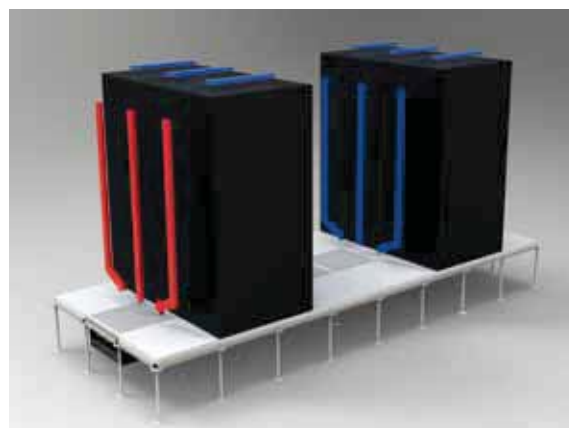
Air quantity (m ³ /h)	4500
Total output (kW)	20.9
Sens. output (kW)	20.9
Ventilator output (kW)	0.5
Inlet air temperature (°C)	21
Return air (°C)	35
Water (°C)	10/15

Active Raised Floor Plate (Water)

Growing data traffic and continuous server and switch manufacturer developments increase heat loads in data centers. With it, the need for elaborate air conditioning is growing. A possible solution: Cooling via a raised floor. The advantage: Integrated active elements in the raised floor plate save space and cool more efficiently. This reduces energy costs, increases capacity, and is environmentally-friendly.

Standard floor plates are equipped with a heat exchanger, ventilator, along with the corresponding sensor technology and control system, and then placed in a hot and/or cold aisle. The advantage of this method is that the power of a side cooler can be used for conventional air conditioning without obstructing data center space – cooling now elegantly disappears into the raised floor. This has the additional advantage of not requiring the disassembly of any server racks for upgrades in order to incorporate additional cooling capacity, and scalability is guaranteed at all times without the use of dummy coolers.

Technical Data	
Plate	
Dimensions	600 x 600 mm
Plate thickness	350 mm (without coating)
Upper side	Optional coating
Lower side	EC ventilator
Weight	35 kg
Plate material	Powder-coated Steel
Point load	5,000 Newtons
Breaking load	> 10,000 Newtons
Structural height	500-2000 mm
Building material class	A1
Voltage	230 volts
Power consumption	140 watts
Max. airflow rate	1600 m ³ /h
Free cross-section	44%
Ground resistance	< 10.9 Ohms
Inlet air temperature (server)	21°C - 25°C
Coolant temperature difference (CW)	12°C/18°C
Water volume flow rate	1.43 m ³ /h
Water supply	3/4"
Heat exchanger operating pressure	10 bar
Heat exchanger pressure loss	Max. 1 bar
Coolant	Water or glycol mix



DN-19 WCRF-20kW

Active raised floor plate (CW) 600 mm x 350 mm x 600 mm

Active Raised Floor Plate (Ventilator)

The raised floor ventilation plate and its powerful ventilator can be installed as a standalone solution to direct air into poorly supplied areas, which allows for greater flexibility. You can combine a steel ventilation plate with a ventilator, air quantity regulator, or with a heat exchanger as needed.



Technical Data	
Plate	
Dimensions	600 x 600 mm
Plate thickness	350 mm (without coating)
Upper side	Optional coating
Lower side	EC ventilator
Weight	30 kg
Plate material	Powder-coated steel
Point load	5,000 Newtons
Breaking load	> 10,000 Newtons
Structural height	500-2000 mm
Building material class	A1
Voltage	230 volts
Power consumption	140 watts
Max. airflow rate	1600 m ³ /h
Free cross-section	44%
Ground resistance	< 10.9 Ohms



DN-19 VRF-10kW

Active raised floor plate 600 mm x 200 mm x 600 mm

The Superior IT Alarm System

A System that Detects every Critical Risk

Innovative room surveillance and monitoring of all important risks in server and utility rooms using the unique Kentix multi-sensor system

- + Essential for the server room and office
- + Ingenious simple 4-in-1 solution
- + Prevents outage and loss
- + Fulfills basic protection requirements
- + Apps for smartphones and PC



Effective Safeguarding from Physical Risks in Server and Utility Rooms.

The MultiSensor combines every important physical sensor into one device. This creates one of the most effective room surveillance systems in conjunction with wireless technology (ZigBee®). The MultiSensor (KMS) can alternatively be directly connected to the Kentrix Alarm Manager (KAM) via a network.

Installation and commissioning is remarkably simple and can be performed with conventional patch cables without cable jams.

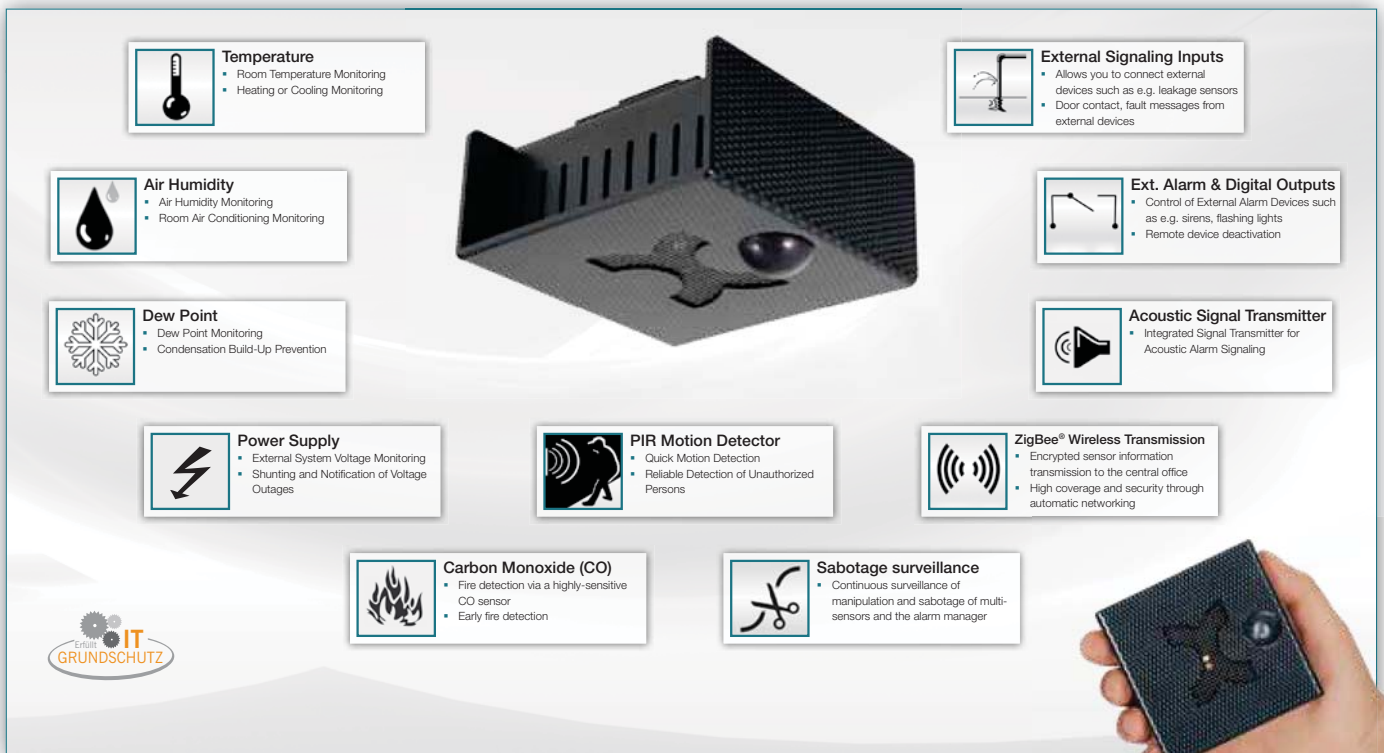
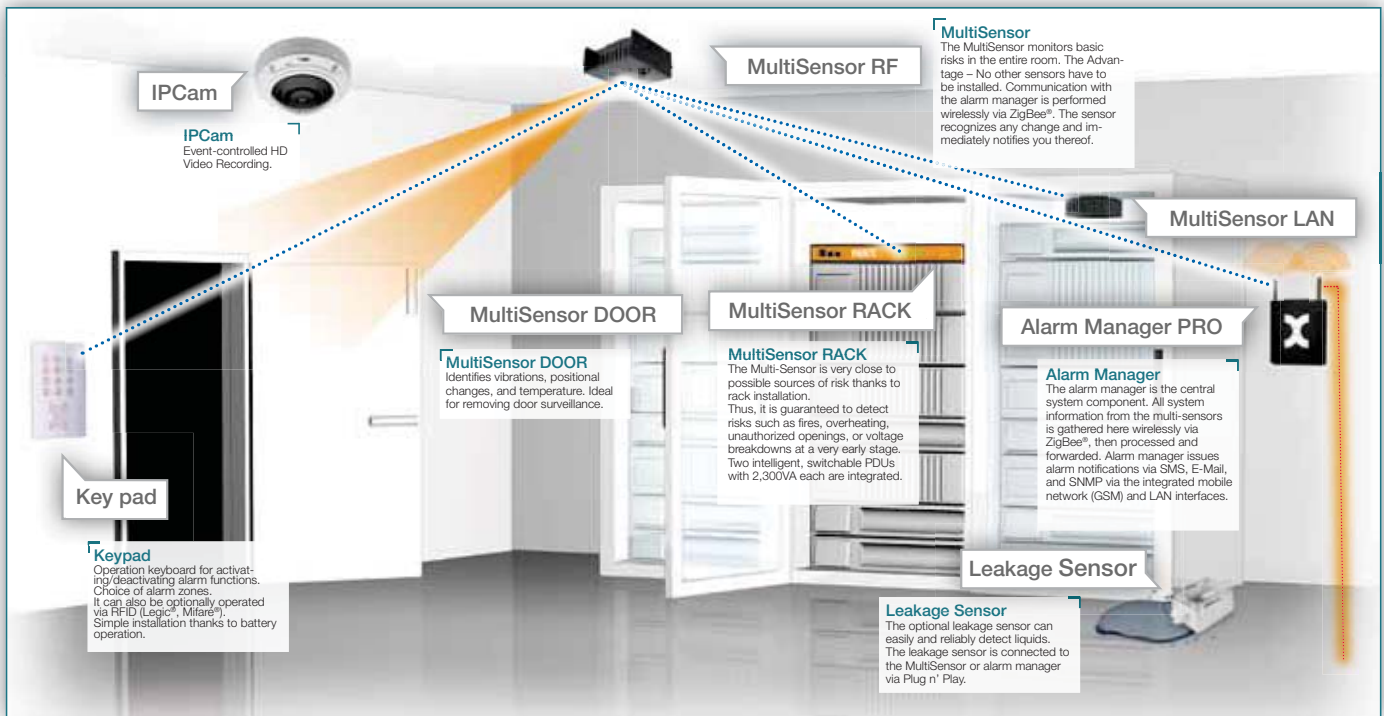
Safeguarding your IT against the most common risks:

- ✓ Operational Environment Breakdown
- ✓ Theft
- ✓ Human Error
- ✓ Sabotage

Benefits at a Glance:

- ✓ Early Risk Recognition – Short reaction times, low follow-up costs
- ✓ Less personal effort due to automatic surveillance
- ✓ Easing the Burden on System Administrators – Smaller Liability Risk
- ✓ Less Operating Costs due to Remote Surveillance
- ✓ Low Investment Costs – Simple Installation and Commissioning
- ✓ ROT within 1 year – Immediately upon avoiding just one outage

A Device that Recognizes all Risks in a Room and Rack





Room and Rack Surveillance

Room and Rack Surveillance

Network-compatible IT Room Surveillance according to Basic Protection



HTTP	RAUM
BUZZER	SNMP - E-MAIL
MONITORING	LAN PoE

- Rack and Room Surveillance up to 20 m²
- All-In-One Room Surveillance
- Power over Ethernet
- E-Mail / SNMP Alarm

DN-95702
MultiSensor

Rack Surveillance according to Basic Protection and an Intelligent PDU




HTTP	RACK
BUZZER	SNMP - E-MAIL
MONITORING	LAN
ENERGIE	PDU

- All-In-One Rack Surveillance
- Standalone Web Server
- E-Mail / SNMP Alarm
- Integrated, switchable 12-way PDU
- Energy Monitoring with 2 x 2,300VA

DN-95703
MultiSensor RACK

Security for Small IT Rooms with GSM Alarm System according to Basic Protection



ZigBee®	LAN
BUZZER	RAUM / RACK
GSM inside	SMS - E-MAIL
MONITORING	

- Rack and Room Surveillance up to 200 m²
- Up to 10 Radio Sensors
- SMS / E-Mail / SNMP
- Up to 10 Alarm Receivers

DN-95702
Complete Set BASIC

Security for Divided IT Rooms with GSM alarm system according to Basic Protection



ZigBee®	LAN
BUZZER	RAUM / RACK
GSM inside	SMS - E-MAIL
SERVER-MONITOR	MONITORING
SNMP	HTTP Request

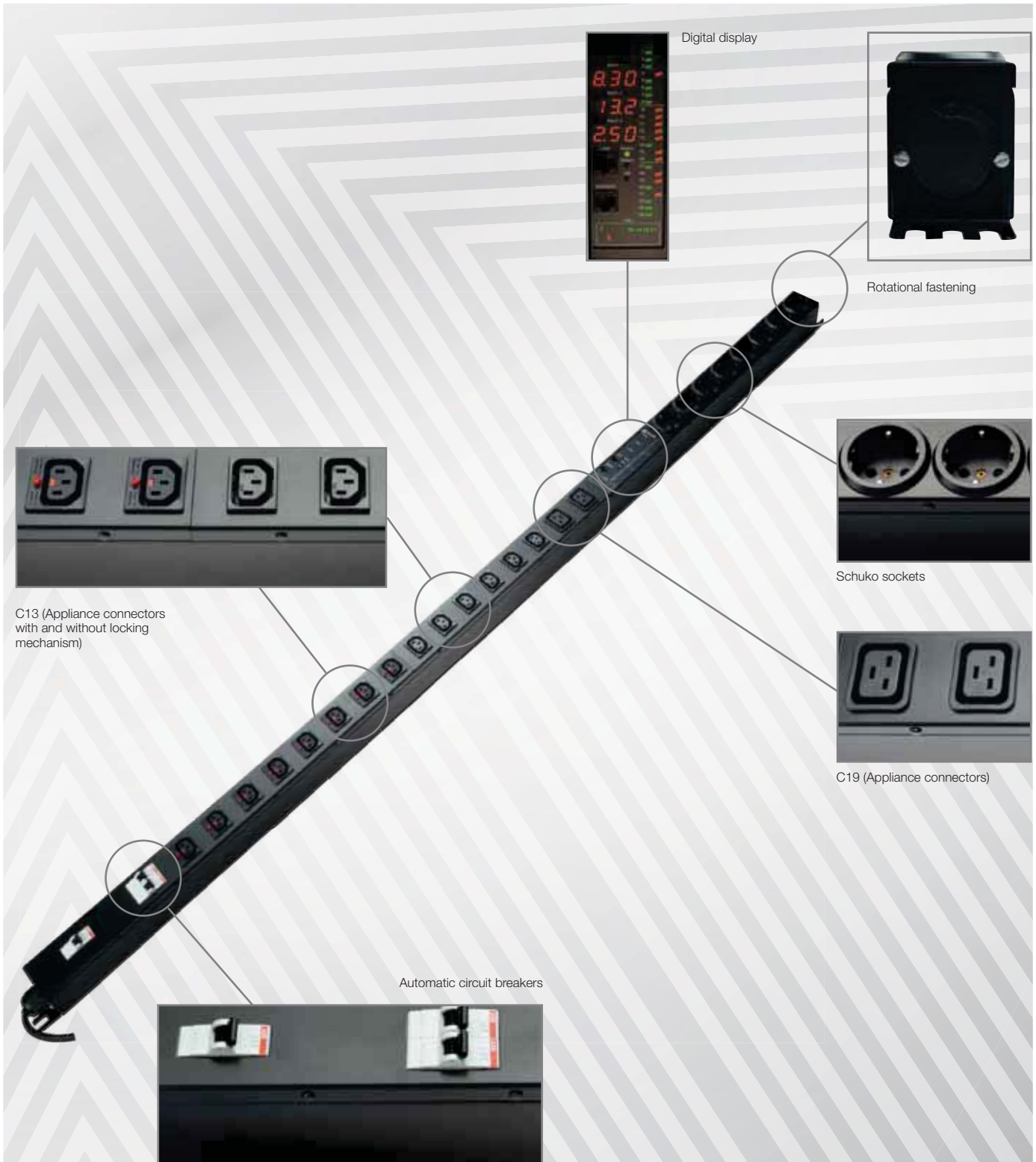
- Rack and Room Surveillance up to 1000 m², divided facilities
- Up to 30 Sensors
- SMS / E-Mail / SNMP
- Up to 20 Alarm Receivers

DN-95704
Complete Set PRO

Intelligent Power Supply

Switched power distribution units offer the best foundations for optimizing and expanding your IT infrastructure with their assorted performance features. The devices are designed for installation in servers or control cabinets, as well as for use in offices and conference rooms. The rigid housing, bright LEDs, well-readable displays, and easy operation, even on site, ensure high usability.

In addition to the one or multiple-phase power distribution with up to 24 load outputs, all load outputs can be individually operated and energy measurement, consumption metering, and environmental monitoring are integrated into the power distribution systems.





Power Supply (PDU)

Intelligent Power Supply

Rack units RU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Width: mm	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
Height: mm	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720
Depth: mm	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
Order Number:	DN-95607	DN-95608	DN-95609	DN-95610	DN-95611	DN-95612	DN-95613	DN-95614	DN-95615	DN-95616	DN-95617	DN-95618	DN-95619	DN-95620	DN-95621	DN-95622

Supplied with

Current outputs IEC C13 (max. 10 A) 3x 8 C13 or 3x6 C13	24	24	24	24	24	24	24	24	18	18	18	18	18	18	18	18
Current outputs IEC C19 (max. 16 A) 3x 2 C19									6	6	6	6	6	6	6	6
Current input CEE 3-phase (5-pole, max. 16A)			✓				✓				✓				✓	
Current input CEE 3-phase (5-pole, max. 32A)				✓				✓				✓				✓
Current input CEE 1-phase (3-pole, max. 32A)		✓					✓			✓				✓		
Schuko current Input 1-phase (3-pole, max. 16A)	✓				✓				✓				✓			
LED panel	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Switches per port	✓	✓	✓	✓					✓	✓	✓	✓				
Overall power measurement	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Power measurement per phase	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Energy meter (2 units per phase, permanent and temporary)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Power, voltage, phase angle, power factor, frequency, active power, apparent power, reactive power, energy measurement	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Sensor connection (2 RJ45 units)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Integrated Web server, email, DHCP, SNMP v1/v2c, Syslog	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

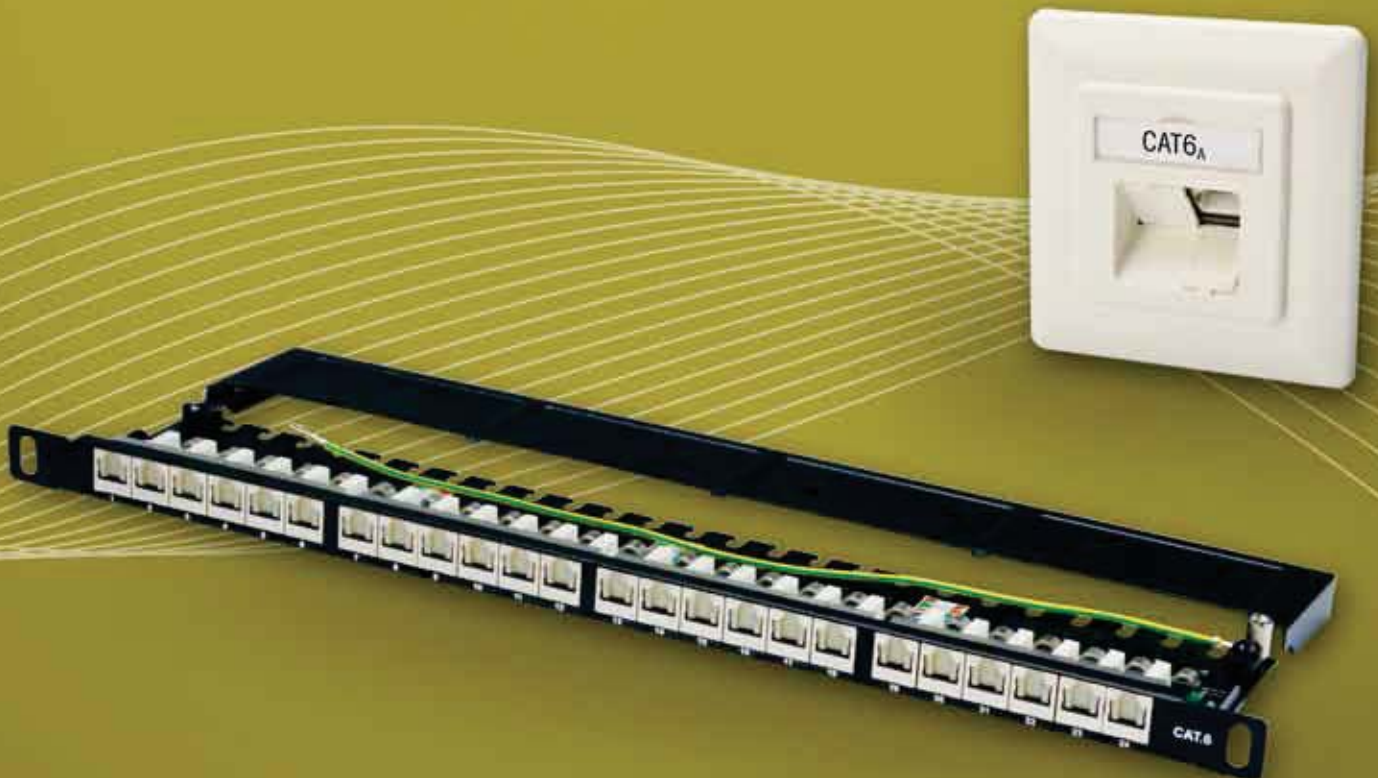
Tried and tested. Future-proof. Economical. Our copper components

Optimal networking of numerous hardware components plays a huge role in the success of modern companies. Data can only be processed as quickly as the cabling allows. Copper technology has always delivered reliable performance and primarily offers the most financially attractive solutions for short-distance connectivity. Copper components can moreover be installed quickly and easily.

We offer a wide array of passive copper network solutions in the pages that follow, such as patch cables, twisted pair installation cables, as well as matching modular adapters and plug-in connectors. Our products are also suitable for the harshest environmental conditions and offer flexible and pragmatic solutions.



COPPER COMPONENTS

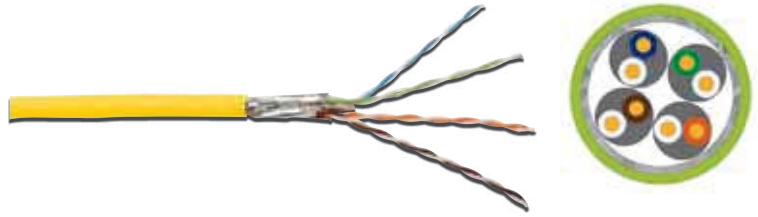


Twisted Pair Installation Cable



DIGITUS® CAT 7_A, Class F_A, S-FTP Twisted Pair Installation Cable, LSOH-1

4x2xAWG22 S-FTP CAT 7 1200 MHz LSOH-1 installation cable suitable for building structured cabling in the secondary and tertiary area. Conforming to ISO/IEC 11801, DIN EN 50173, DIN EN 50288-4-1 and IEC 61034, IEC 60332-3-24.



Physical Description	
Basic conductor	Solid 22AWG, bare annealed copper
Insulation	PE
Total number of insulated conductors	8, twisted in 4 pairs
Color code	Blue x white, orange x white, green x white, brown x white
Individual pair shield	Aluminium foil, providing 100 % coverage, foil face out
Overall shield	Braid shielding 35 %
Outer jacket	LSOH, zero-halogen, flame retardent
Outer jacket thickness	0.6 mm nom.
Color	Yellow RAL 1028
Print	DIGITUS® DK-1741-A-VH 4x2x22# S-FTP CATEGORY 7A SHIELDED LSOH-1 CABLE VERIFIED TO CAT 7A ISO/IEC-11801 & IEC 61156-5 FR IEC 60332-3-24 CE 2011/65/EU (RoHS-2) [Meter Mark] METER [Batch Number]

Mechanical Properties	
Pulling force	50 N/mm ² max.
Short term bend radius	8 x OD mm
Long term bend radius	4 x OD mm
Storage temperature	-20 to +75°C
Operating temperature	-20 to +60°C
Installation temperature	0 to +50°C
Flame test	IEC60332-1, IEC 60332-1, IEC 60332-3-24 & IEC 60332-3-25
LSOH cables gas & smoke tests	IEC 60754 (gas) & IEC 61034 (smoke)

Electrical Properties	
Mean impedance	100 ± 5 Ohm @ 1-1200 MHz
DC resistance	93.0 Ohm/Km max
Resistance unbalanced	2 %
Capacitance	45 pF/m nom. @ 1 KHz
Capacitance unbalance to ground	1500 pF/KM @ 1KHz
Voltage rating	72 Vdc
Insulation resistance	700 Volt/1 minute rms
Vp	77-80 % @ 1-1200 MHz
Delay skew	534+36/f1/2 nS/100m max.@ 1-1200 MHz
Insulation resistance	5000 Mega Ohm / KM min. @ 500 Vdc
Coupling attenuation	85 dB min @ 30-100 MHz 85-20 Log (f/100) @ 100-1000 MHz
Screening attenuation	60 dB min @ 30-1000 MHz
Transfer impedance	10m Ohm/m max @ 1-30 MHz 30m Ohm/m max @ 30-100 MHz

Transmission Properties									
FREQ. MHz	Absorbability dB/100 m	NEXT dB	PS NEXT dB	ACR dB/100 m	PS-ACR dB/100 m	ELFEXT dB/100 m	PS-ELFEXT dB/100 m	Return loss dB	
	Type	Type	Type	Type	Type	Type	Type	Type	Type
10	5.82	78.0	75.0	75.1	72.1	25.0	40.0	15.0	
20	8.21	78.0	75.0	69.1	66.1	25.0	37.0	9.0	
62.5	14.57	78.0	75.0	59.2	56.2	21.5	32.0	NS	
100	18.53	75.4	72.4	55.1	52.1	20.1	30.0	NS	
200	26.47	70.9	67.9	49.1	46.1	18.0	27.0	NS	
300	32.69	68.2	65.2	45.6	42.6	17.3	NS	NS	
600	47.10	36.7	60.7	39.5	36.5	17.3	NS	NS	
800	54.92	61.9	58.9	37.0	34.0	16.1	NS	NS	
1000	61.93	60.4	57.4	35.1	32.1	15.1	NS	NS	
1200	68.36	59.2	56.2	33.5	30.5	14.3	NS	NS	



275107 / DK-1741-A-VH-5
500 m Drum, CAT 7_A S-FTP Twisted Pair Installation Cable, LSOH-1

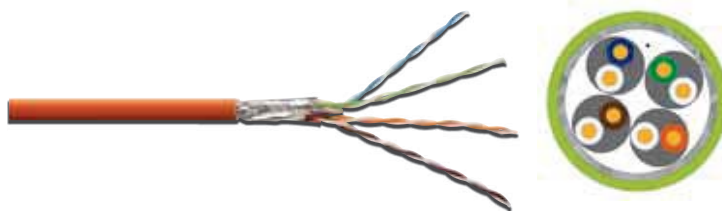
341000 / DK-1741-A-VH-10
1000 m Drum, CAT 7_A S-FTP Twisted Pair Installation Cable, LSOH-1



Twisted Pair Installation Cable

DIGITUS® CAT 7, Class F, S-FTP Twisted Pair Installation Cable, LSOH-3

4x2xAWG23 S-FTP CAT 7 1200 MHz LSOH-3 installation cable suitable for building structured cabling in the secondary and tertiary area. Conforming to ISO/IEC 11801, DIN EN 50173, DIN EN 50288-4-1 and IEC 61034, IEC 60332-3-24.



Physical Description	
Basic conductor	Solid 23AWG, bare annealed copper (0.57mm nom.)
Insulation	SFS-PO
Total number of insulated conductors	8, twisted in 4 pairs
Color code	Blue x white, orange x white, green x white, brown x white
Individual pair shield	Aluminum foil, providing 100% coverage, foil face out
Overall shield	Braid shielding 35%, drain wire
Drain wire	None
Outer jacketed	Low-smoke, zero-halogen, flame-retardant compound for indoor use
Outer jacketed thickness	0.6mm nom.
Color	Orange RAL 2000
Print	DIGITUS® DK-1743-VH 4x2x23# S/FTP CATEGORY 7 SHIELDED LSOH-3 CABLE VERIFIED to CAT 7 ISO/IEC-11801 & IEC 61156-5 FR IEC 60332-3-24 CE 2011/65/EU H (RoHS-2) [Meter Mark] METER [Batch Number]

Mechanical Properties	
Pulling force	150 N max.
Dynamic bend radius	8 x OD mm xxx
Static bend radius	4 x OD mm xxx
Temperature installation range	-20 to +75°C
Temperature operating range	-20 to +60°C
Installation temperature	0 to +50°C
Flame tests	IEC 60754 (gas) & IEC 61034 (smoke) & IEC 60332-3-24 (flameretardent)
Outer diameter	7.5 mm nom.
Caloric value	650 KJ/m
Total weight	136 kg/KM nom.

Electrical Properties	
Mean impedance	100±5 Ohm @ 1-1600 MHz
Vp	75-77 % nom.
Capacitance	40 pF/m nom @ 1 KHz
Capacitance unbalance to ground	1.6 pF/m max @ 1 KHz
Insulation resistance	0.5 Ohm x Km min.
DC resistance	72 Ohm/Km max (2 % max. resistance unbalance)
DC loop resistance	147 Ohm/Km max (2 % max. resistance unbalance)
Voltage rating	72 Vdc max.
Coupling attenuation	85 dB min @ 30-100 MHz, 85-20 Log (f/100) dB min. @ 100-1000 MHz.
PS-AFEXT	92.5-15Log(f) dB min. @ 1-600 MHz (67 dB max)
PS-AFEXT	78.2-20Log(f) dB min. @ 1-600 MHz (67 dB max)
Phase delay	534+36/f1/2 nS/100 m max. @ f=1-1200 MHz
Delay skew	25 nS/100 m max.

FREQ MHz	Transmission Properties															
	Insertion Loss dB/100 m		NEXT dB		PS NEXT dB		ELFEXT dB/100 m		PS ELFEXT dB		RL dB		TCL dB	EL-TCTL dB	PS ANEXT dB	PS AFEXT dB
	Max	Nom	Min	Nom	Min	Nom	Min	Nom	Min	Nom	Min	Nom	Min	Min	Min	Min
10	5.86	5.4	78	100	75	97	74	85	71	83	25	30	40	16.9	67	67
20	8.29	7.7	78	100	75	97	68	79	68	77	25	30	37	10.9	67	67
62,5	14.88	13.7	75.5	100	75	97	58	73	55.1	67	21.5	28	32	5.1	67	57.3
100	19.02	17.4	72.4	100	69.4	97	54	67	51	63	20.1	25	30	NS	67	53.2
200	27.47	25	67.9	92	64.9	89	48	60	45	57	18	25	27	NS	67	47.2
300	34.19	30.9	65.2	89	62.2	86	44.5	55	41.5	53	17.3	23	NS	NS	67	43.7
600	50.1	44.8	60.7	85	57.7	82	38.4	48	35.4	47	17.3	2	NS	NS	65.8	37.7
800	NS	51	NS	83	NS	80	NS	46	NS	45	NS	23	NS	NS	64	35.1
1000	NS	58.4	NS	82	NS	79	NS	43	NS	43	NS	20	NS	NS	62.5	33.2
1200	NS	68	NS	70	NS	69	NS	38	NS	38	NS	18	NS	NS	NS	NS

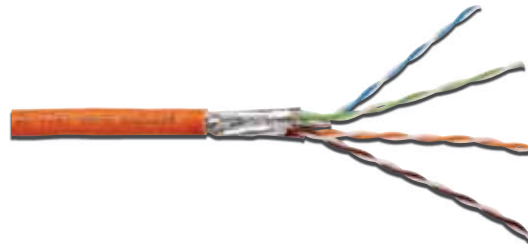


353997 / DK-1743-VH-5
500 m Drum, CAT 7 S-FTP Twisted Pair Installation Cable, LSOH-3

300786 / DK-1743-VH-10
1000 m Drum, CAT 7 S-FTP Twisted Pair Installation Cable, LSOH-3

DIGITUS® CAT 7, Class F, S-FTP Twisted Pair Installation Cable, LSOH-1

4x2xAWG23 S-FTP CAT 7 1200 MHz LSOH-1 installation cable suitable for building structured cabling in the secondary and tertiary area. Conforming to ISO/IEC 11801, DIN EN 50173, DIN EN 50288-4-1 and IEC 61034, IEC 60332-1.



Physical Description	
Basic conductor	Solid 23AWG, bare annealed copper (0.57mm nom.)
Insulation	SFS-PO
Total number of insulated conductors	8, twisted in 4 pairs
Color code	Blue x white, orange x white, green x white, brown x white
Individual pair shield	Aluminum foil, providing 100% coverage, foil face out
Overall shield	Braid shielding 35%, drain wire
Outer jacket	Low-smoke, zero-halogen, flame-retardant compound for indoor use
Outer jacket thickness	0.6 mm nom
Color	Orange RAL 2000
Overall diameter	7.5 mm nom
Print	DIGITUS® DK-1741-VH 4x2x23# S/FTP CATEGORY 7 SHIELDED LSOH CABLE VERIFIED to CAT 7 ISO/IEC-11801 & IEC 61156-5 FR IEC 60332-1 CE 2002/95/EC H (RoHS-2) [Meter Mark] METER [Batch Number]

Mechanical Properties	
Bend radius	Dynamic: 8xD mm min. Static: 4xD mm min
Storage temperature	-20 to +75°C
Temperature installation range	0 to +50°C
Temperature operating range	-20 to +60°C
Flame tests	IEC 60332-1 (fire), IEC 60754 (gas) & IEC 61034 (smoke)
Pulling force	150 N max
Caloric value	650 KJ/m
Total weight	68 kg/km nom

Electrical Properties	
Mean impedance	100±5 Ohm @ 1-600 MHz
Vp	75-77 % nom
Capacitance	40 pF/m nom @ 1 KHz
Capacitance unbalance to ground	1.6 pF/m max @ 1 KHz
Insulation resistance	0.5 Ohm/Km min
DC resistance	72 Ohm/Km max (2 % max. resistance unbalance)
DC loop resistance	147 Ohm/Km max (2 % max. resistance unbalance)
Voltage rating	72 Vdc max
Coupling attenuation	85 dB min @ 30-100 MHz. 85-20 Log(f/100) dB min. @ 100-1000 MHz
PS-ANEXT loss	92.5-15Log(f) dB min. @ 1-600 MHz (67 dB max)
PS-AACRF	78.2-20Log(f) dB min. @ 1-600 MHz (67 dB max)
Phase delay	534+36/f ^{1/2} nS/100m max. @ f=1-1000 MHz
Delay skew	25 nS/100 m max



Transmission Properties								
FREQ.	Insertion Loss	NEXT	PS NEXT	EL FEXT	PS EL FEXT	RL	TCL	EL-TCTL
MHz	dB/100 m	dB	dB	dB/100 m	dB/100 m	dB	dB	dB
	Type	Type	Type	Type	Type	Type	Type	Type
10.00	5.5	98.0	95.0	95.0	91.6	26.0	40	15
20.00	7.9	98.0	95.0	98.0	88.6	26.0	36	7.0
62.50	14.5	98.0	95.0	86.0	82.6	26.0	32	NS
100.00	18.5	98.0	95.0	82.0	78.6	24.0	30	NS
200.00	29.6	88.0	85.0	70.0	66.6	22.0	27	NS
300.00	32.8	87.0	84.0	67.0	63.6	21.0	NS	NS
600.00	47.6	86.0	83.0	52.0	48.6	19.0	NS	NS
900.00	60.4	80.0	77.0	48.0	44.6	18.0	NS	NS
1000.00	64.8	78.0	75.0	47.0	44.6	18.0	NS	NS
1200.00	68.0	70.0	69.0	40.0	38.0	18.0	NS	NS



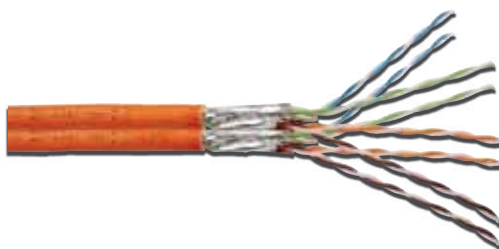
- 247449 / DK-1741-VH-1**
100 m Ring, CAT 7 S-FTP Twisted Pair Installation Cable, LSOH-1
- 241324 / DK-1741-VH-5**
500 m Drum, CAT 7 S-FTP Twisted Pair Installation Cable, LSOH-1
- 267508 / DK-1741-VH-10**
1000 m Drum, CAT 7 S-FTP Twisted Pair Installation Cable, LSOH-1



Twisted Pair Installation Cable

DIGITUS® CAT 7, Class F, S-FTP Twisted Pair Installation Cable, LSOH-1

2x4x2xAWG23 S-FTP CAT 7 1200 MHz LSOH-1 installation cable suitable for building structured cabling in the secondary and tertiary area. Conforming to ISO/IEC 11801, DIN EN 50173, DIN EN 50288-4-1 and IEC 61034, IEC 60332-1.



Physical Description	
Basic conductor	Solid AWG 23/1, bare annealed copper (0.57mm nom)
Insulation	SFS-PO
Total number of insulated conductors	2x8, twisted in 2x4 pairs
Color code	Blue x white, orange x white, green x white, brown x white
Individual pair shield	Aluminium foil, providing 100% coverage, foil face out
Overall shield	Braid shielding 35%, drain wire
Outer jacket	Low-smoke, zero-halogen, flame retardant, non corrosive compound for indoor use
Outer jacket thickness	0.6 mm nom
Color	Orange RAL 2000
Overall diameter	2x7.5 mm nom
Print	DIGITUS® DK-1741-VH-D-5 2x 4x2x23# S/FTP CATEGORY 7 SHIELDED LSOH CABLE VERIFIED to CAT 7 ISO/IEC-11801 & IEC 61156-5 FR IEC 60332-1 CE 2002/95/EC H (RoHS-2) [Meter Mark] METER [Batch Number]

Mechanical Properties	
Bend radius	dynamic: 8xD mm min., static: 4xD mm min
Storage temperature	-20 to +75°C
Temperature installation range	0 to +50°C
Temperature operating range	-20 to +60°C
Flame tests	IEC 60332-1 (fire), IEC 60754 (gas) & IEC 61034 (smoke)
Pulling force	150 N max
Caloric value	650 KJ/m
Total weight	136 kg/km nom

Electrical Properties	
Mean impedance	100±5 Ohm @ 1-600 MHz
Vp	75-77 % nom
Capacitance	40 pF/m nom @ 1 KHz
Capacitance unbalance to ground	1.6 pF/m max @ 1 KHz
Insulation resistance	0.5 Ohm/Km min
DC resistance	72 Ohm/Km max. (2 % max. resistance unbalance)
DC loop resistance	147 Ohm/Km max. (2 % max. resistance unbalance)
Voltage resistance	72 Vdc max
Coupling attenuation	85dB min bei 30-100 MHz 85-20Log(f/100) dB min @ 100-1000 MHz
PS-ANEXT loss	92.5-15Log(f) dB min @ 1-600 MHz (67 dB max)
PS-AACRF	78.2-20Log(f) dB min @ 1-600 MHz (67 dB max)
Phase delay	534+36/f½ nS/100m max @ f=1-1000 MHz
Delay skew	25 nS/100 m max



Transmission Properties								
FREQ.	Insertion Loss	NEXT	PS NEXT	EL FEXT	PS EL FEXT	RL	TCL	EL-TCTL
MHz	dB/100 m	dB	dB	dB/100 m	dB/100 m	dB	dB	dB
	Type	Type	Type	Type	Type	Type	Type	Type
10.00	5.5	98.0	95.0	95.0	91.6	26.0	40	15
20.00	7.9	98.0	95.0	98.0	88.6	26.0	36	7.0
62.50	14.5	98.0	95.0	86.0	82.6	26.0	32	NS
100.00	18.5	98.0	95.0	82.0	78.6	24.0	30	NS
200.00	29.6	88.0	85.0	70.0	66.6	22.0	27	NS
300.00	32.8	87.0	84.0	67.0	63.6	21.0	NS	NS
600.00	47.6	86.0	83.0	52.0	48.6	19.0	NS	NS
900.00	60.4	80.0	77.0	48.0	44.6	18.0	NS	NS
1000.00	64.8	78.0	75.0	47.0	44.6	18.0	NS	NS
1200.00	68.0	70.0	69.0	40.0	38.0	18.0	NS	NS



302292 / DK-1741-VH-D-1
100 m Ring, duplex, CAT 7 S-FTP Twisted Pair Installation Cable, LSOH-1

247289 / DK-1741-VH-D-5
500 m Drum, duplex, CAT 7 S-FTP Twisted Pair Installation Cable, LSOH-1

DIGITUS® CAT 6_A, Class E_A, U-FTP Twisted Pair Installation Cable, LSOH-1

4x2xAWG23 S-FTP CAT 6_A 500 MHz LSOH-1 installation cable suitable for building structured cabling in the secondary and tertiary area. Conforming to ISO/IEC 11801, DIN EN 50173 and IEC 60332-1.



Physical Description	
Conductor material	Solid bare annealed copper
Conductor diameter	0.560 +/- 0.005 mm (AWG 23)
Insulation material	HD-PE
Insulation diameter	1.330 +/- 0.05 mm
Total number of insulated conductors	8 conductors, twisted in 2 x 4 pairs
Core color	Blue x white, orange x white, green x white, brown x white
Individual pair shield	Aluminium foil, providing 100% coverage, foil face out
Overall shield	Drain wire
Sheath thickness	0.55 +/- 0.05 mm
External outer diameter	7.3 +/- 0.5 mm
Material	LSOH complied to RoHS
Long term bend radius	4xOD mm
Color	Ice blue
Packing	Paper pullout box or wooden drum
Print	DIGITUS® DK-1623-A-VH 4x2x23# U/FTP CATEGORY 6A SHIELDED LSOH CABLE VERIFIED to CAT 6A ISO/IEC-11801 & IEC 61156-5 FR IEC 60332-1 CE 2002/95/EC H (RoHS-2) [Meter Mark] METER [Batch Number]

Mechanical Properties	
Bend radius	Dynamic 8x diameter mm/min and static 4x diameter mm/min
Storage temperature	-20 to +60°C
Installation temperature	0 to +50°C
Operating temperature	-20 to +75°C
Standard of flame retardancy	IEC 60332-1-1(1.2) (2004-07)

Electrical Properties	
DC loop resistance	(Ω/100) max 9.38
Resistance unbalance	< 2 %
Nominal velocity of propagation	74 %
Propagation delay	Yes
Delay skew	Nominal ≤ 45 ns/100m

Transmission Properties								
FREQ (MHz)	RL >dB	ATT <dB	NEXT >dB	DELAY <ns	PSNEXT >dB	ELFEXT >dB	PSELFEXT >dB	
1	20.0	2.1	74.3	570.0	72.3	68.0	65.0	
4	23.0	3.8	65.3	552.0	63.3	56.0	53.0	
8	24.5	5.3	60.8	546.7	58.8	49.9	46.9	
10	25.0	5.9	59.3	545.4	57.3	48.0	45.0	
16	25.0	7.5	56.2	543.0	54.2	43.9	40.9	
20	25.0	8.4	54.8	542.1	52.8	42.0	39.0	
25	24.3	9.4	53.3	541.2	51.3	40.0	37.0	
31.25	23.6	10.5	51.9	540.4	49.9	38.1	35.1	
62.5	21.5	15.0	57.4	538.6	45.4	32.1	29.1	
100	20.1	19.1	44.3	537.6	42.3	28.0	25.0	
200	18.0	27.6	39.3	536.5	37.8	22.0	19.0	
250	17.3	31.1	38.3	536.3	36.3	20.0	17.0	
300	16.8	34.3	37.1	536.1	35.1	18.5	15.5	
500	15.2	45.3	33.8	535.6	31.8	14.0	11.0	



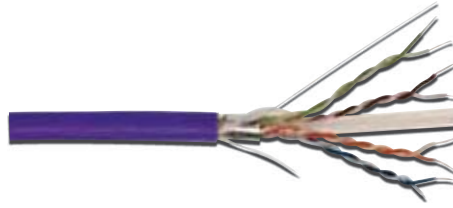
344117 / DK-1623-A-VH-1
100 m Carton, CAT 6_A U-FTP Twisted Pair Installation Cable, LSOH-1

344124 / DK-1623-A-VH-305
305 m Drum, CAT 6_A U-FTP Twisted Pair Installation Cable, LSOH-1

344216 / DK-1623-A-VH-5
500 m Drum, CAT 6_A U-FTP Twisted Pair Installation Cable, LSOH-1 (are available upon request)

DIGITUS® CAT 6, Class E, F-UTP Twisted Pair Installation Cable - LSOH-1

4x2xAWG23 S-FTP CAT 6 250 MHz LSOH-1 installation cable suitable for building structured cabling in the secondary and tertiary area. Conforming to ISO/IEC 11801, DIN EN 50173 and IEC 60332-1.



Physical Description	
Conductor material	Solid bare annealed copper
Conductor diameter	0.560 +/- 0.005 mm (AWG 23)
Insulation material	HD-PE
Insulation diameter	1.08 +/- 0.02 mm
Total number of insulated conductors	8 conductors, twisted in 2 x 4 pairs
Core color	Blue x white, orange x white, green x white, brown x white
Individual pair shield	None
Overall shield	Yes, foil shielding 100 % coverage
Sheath thickness	0.60 +/- 0.05 mm
External outer diameter	7.4 +/- 0.4 mm
Material	LSOH complied to RoHS
Long term bend radius	4xOD mm
Color	Purple
Packing	Paper pullout box or wooden drum
Print	DIGITUS® DK-1623-VH 4x2x23# F/UTP CATEGORY 6 SHIELDED LSOH CABLE VERIFIED to CAT 6 ISO/IEC-11801 & IEC 61156-5 FR IEC 60332-1 CE 2002/95/EC H (RoHS-2) [Meter Mark] METER [Batch Number]



Mechanical Properties	
Bend radius	Dynamic 8x diameter mm/min and static 4x diameter mm/min
Storage temperature	-20 to +60°C
Installation temperature	0 to +50°C
Operating temperature	-20 to +75°C
Standard of flame retardancy	IEC 60332-1-1(1.2) (2004-07)

Electrical Properties	
DC loop resistance	($\Omega/100$) max 9.5
Resistance unbalance	< 5 %
Nominal velocity of propagation	74 %
Propagation delay	Yes
Delay skew	Nominal \leq 45 ns/100 m

Transmission Properties							
FREQ (MHz)	RL >dB	ATT <dB	NEXT >dB	DELAY <ns	PSNEXT >dB	ELFEXT >dB	PSELFEXT >dB
1	20.0	2.1	74.3	570.0	72.3	68.0	65.0
4	23.0	3.8	65.3	552.0	63.3	56.0	53.0
8	24.5	5.3	60.8	546.7	58.8	49.9	46.9
10	25.0	5.9	59.3	545.4	57.3	48.0	45.0
16	25.0	7.5	56.2	543.0	54.2	43.9	40.9
20	25.0	8.4	54.8	542.1	52.8	42.0	39.0
25	24.3	9.4	53.3	541.2	51.3	40.0	37.0
31.25	23.6	10.5	51.9	540.4	49.9	38.1	35.1
62.5	21.5	15.0	57.4	538.6	45.4	32.1	29.1
100	20.1	19.1	44.3	537.6	42.3	28.0	25.0
200	18.0	27.6	39.3	536.5	37.8	22.0	19.0
250	17.3	31.1	38.3	536.3	36.3	20.0	17.0



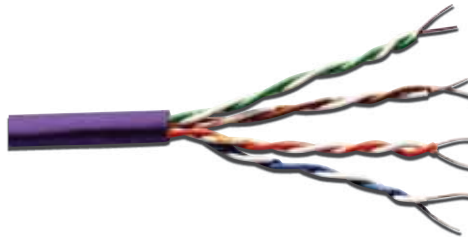
344056 / DK-1623-VH-1
100 m Carton, CAT 6 F-UTP Twisted Pair Installation Cable, LSOH-1

344063 / DK-1623-VH-305
305 m Drum, CAT 6 F-UTP Twisted Pair Installation Cable, LSOH-1

344247 / DK-1623-VH-5
500 m Drum, CAT 6 F-UTP Twisted Pair Installation Cable, LSOH-1 (are available upon request)

DIGITUS® CAT 6, Class E, U-UTP Twisted Pair Installation Cable, LSOH-1

4x2xAWG23 S-FTP CAT 6 250 MHz LSOH-1 installation cable suitable for building structured cabling in the secondary and tertiary area. Conforming to ISO/IEC 11801, DIN EN 50173 and IEC 60332-1.



Physical Description	
Basic conductor	Solid AWG 23/1, bare annealed copper (0.55 mm nom)
Insulation	HD-PE
Total number of insulated conductors	8, twisted in 2x4 pairs
Color code	Blue x white, orange x white, green x white brown x white
Individual pair shield	None
Overall shielding	None
Outer jacket	Halogen-free (FRNC/LSOH)
Outer jacket thickness	0.55 mm nom
Color	Purple
Overall diameter	6.2 mm nom
Print	DIGITUS® DK-1613-VH 4x2x23# U/UTP CATEGORY 6 UNSHIELDED LSOH-1 CABLE VERIFIED to CAT 6 ISO/IEC-11801 & IEC 61156-5 FR IEC 60332-1 CE 2002/95/EC H (RoHS) [Meter Mark] METER [Batch Number]



Mechanical Properties	
Bend radius	Dynamic: 8xD mm min, static: 4xD mm min
Transport and storage temperature	-20 to +75°C
temperature installation range	0 to +50°C
Temperature operating range	-20 to +60°C
Fire tests	IEC 60332-1 (fire), IEC 60754 (gas) & IEC 61034 (smoke)
Pulling force	150 N max
Caloric value	650 KJ/m

Electrical Properties	
Mean impedance	100 ± 5 Ohm
Vp	67-70 % nom
Capacitance	40 pF/m nom @ 1KHz
Capacitance unbalance to ground	1.6 pF/m max @ 1 KHz
Isulation resistance	0.5 Ohm/Km min
DC loop resistance	72 Ohm/Km max (2 % max resistance unbalance)
Voltage resistance	147 Ohm/Km max (2 % max resistance unbalance)
Operating voltage	72 Vdc max

Transmission Properties							
FREQ. (MHz)	RL ≥dB	ATT ≤dB	NEXT ≥dB	DELAY ≤ns	PSNEXT ≥dB	ELFEXT ≥dB	PSELFEXT ≥dB
10.0	25.0	5.95	59.3	545.38	57.3	47.8	44.8
20.0	25.0	8.47	54.8	542.05	52.8	41.8	38.8
62.5	21.5	15.38	47.7	538.55	45.4	31.9	28.9
100	20.1	19.80	44.3	537.60	42.3	27.8	24.8
200	18.0	28.98	39.8	536.54	37.8	21.8	18.8
250	17.3	32.85	38.3	536.27	36.3	19.8	16.8



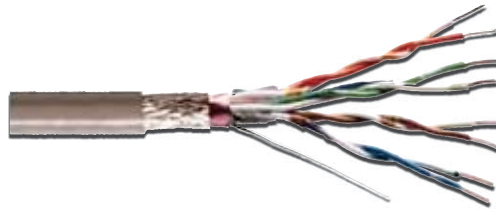
343653 / DK-1613-VH-1
100 m Carton, CAT 6 U-UTP Twisted Pair Installation Cable, LSOH-1

324553 / DK-1613-VH-305
305 m Carton, CAT 6 U-UTP Twisted Pair Installation Cable, LSOH-1

343660 / DK-1613-VH-5
500 m Drum, CAT 6 U-UTP Twisted Pair Installation Cable, LSOH-1 (are available upon request)

DIGITUS® CAT 5e, Class D, SF-UTP Twisted Pair Installation Cable, LSOH-1

4x2xAWG24 SF-UTP CAT 5e 100 MHz LSOH-1 installation cable suitable for building structured cabling in the secondary and tertiary area. Conforming to ISO/IEC 11801, DIN EN 50173 and DIN EN 50288-2-1



Physical Description	
Basic conductor	Solid AWG 23/1, bare annealed copper
Insulation	PE
Total number of insulated conductors	8, twisted in 2 x 4 pairs
Color code	Blue x white, orange x white, green x white, brown x white
Individual pair shield	None
Overall shield	Aluminium foil, providing 100 % coverage, foil face out, drain wire
Outer jacket	Halogen free (LSOH)
Color	Grey

Mechanical Properties	
Mean impedance	100±5 Ohm @ 1-250 MHz
Capacitance unbalance to ground	Min. 1600pF/100m
Insulation resistance	0.5 Ohm/Km min
DC loop resistance	19 Ohm/100m max (2 % max resistance unbalance)

Electrical Properties	
DC loop resistance	≤ 190Ω km
Resistance unbalance	≤ 2 %
Insulation resistance (500 V)	≥ 2000 MΩxkm
Capacitance at 800 Hz	Nom 48 nF/km
Capacitance unbalance (pair to ground)	≤ 1500 pF/km
Characteristic impedance (1-100 MHz)	(100 ± 15) Ω
Nominal velocity of propagation	Approx 67 %
Propagation delay	Nominal ≤ 535 ns/100 m
Delay skew	Nominal ≤ 45 ns/100 m
Test voltage (DC, 1 min) core/core	1000 V
Coupling attenuation	≥ 40 dB

Transmission Properties								
FREQ.	Insertion Loss	NEXT	PS NEXT	ACR	PS-ACR	ELFEXT	PS-ELFEXT	Return loss
MHz	dB/100 m	dB	dB	dB/100 m	dB/100 m	db/100 m	db/100 m	dB
	Typ	Typ	Typ	Typ	Typ	Typ	Typ	Typ
1	3	60	57	57	54	58.6	55.6	19
4	3.9	54.8	51.8	50.9	47.9	46.6	43.6	19
8	5.5	50	47	44.5	41.5	40.0	37.5	19
10	6.2	48.5	45.5	42.3	39.3	38.6	35.6	19
16	7.9	45.2	42.2	37.3	34.3	34.5	31.5	19
20	8.9	43.7	40.7	34.8	31.8	32.6	29.6	19
25	10	42.1	39.1	32.1	29.1	30.7	27.7	18
31,25	11.2	40.5	37.5	29.3	26.3	28.7	25.7	17.1
62,5	16.2	35.7	32.7	19.4	16.4	22.7	19.7	14.1
100	21	32.3	29.3	11.3	8.3	18.6	15.6	12

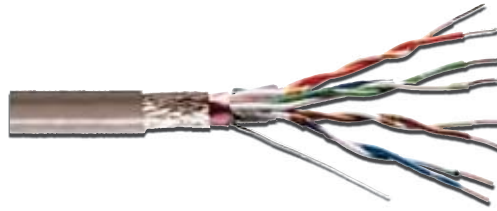


241201 / DK-1531-VH-1
100 m Carton, CAT 5e SF-UTP Twisted Pair Installation Cable, LSOH-1

241218 / DK-1531-VH-5
500 m Drum, CAT 5e SF-UTP Twisted Pair Installation Cable, LSOH-1

DIGITUS® CAT 5e, Class D, SF-UTP Twisted Pair Installation Cable

4x2xAWG24 SF-UTP CAT 5e 100 MHz PVC installation cable suitable for building structured cabling in the secondary and tertiary area. Conforming to ISO/IEC 11801, DIN EN 50173 and DIN EN 50288-2-1.



Physical Description	
Basic Conductor	Solid AWG 23/1, bare annealed copper
Insulation	PE
Total number of insulated conductors	8, twisted in 2x4 pairs
Color code	Blue x white, orange x white, green x white, brown x white
Individual pair shield	None
Overall shield	Aluminium foil, providing 100% coverage, foil face out, drain wire
Outer jacket	PVC
Color	Grey

Electrical Properties	
DC loop resistance	≤ 190 Ω/km
Resistance unbalance	≤ 2 %
Insulation resistance (500 V)	≥ 2000 MΩxkm
Capacitance at 800 Hz	Nom. 48 nF/km
Capacitance unbalance (pair to ground)	≤ 1500 pF/km
Characteristic impedance (1-100 MHz)	(100 ± 15) Ω
Nominal velocity of propagation	Approx. 67 %
Propagation delay	Nominal ≤ 535 ns/100m
Delay skew	Nominal ≤ 45ns/100m
Test voltage (DC, 1 min) core/core	1000 V
Coupling attenuation	≥ 40 dB

Transmission Properties								
FREQ.	Insertion Loss	NEXT	PS NEXT	ACR	PS ACR	ELFEXT	PS-ELFEXT	Return Loss
MHz	dB/100 m	dB	dB	dB/100 m	dB/100 m	dB/100 m	dB/100 m	dB
	Type	Type	Type	Type	Type	Type	Type	Type
1	3	60	57	57	54	58.6	55.6	19
4	3.9	54.8	51.8	50.9	47.9	46.6	43.6	19
8	5.5	50	47	44.5	41.5	40.6	37.5	19
10	6.2	48.5	45.5	42.3	39.3	38.6	35.6	19
16	7.9	45.2	42.2	37.3	34.3	34.5	31.5	19
20	8.9	43.7	40.7	34.8	31.8	32.6	29.6	19
25	10	42.1	39.1	32.1	29.1	30.7	27.7	18
31.25	11.2	40.5	37.5	29.3	26.3	28.7	25.7	17.1
62.5	16.2	35.7	32.7	19.4	16.4	22.7	19.7	14.1
100	21	32.3	29.3	11.3	8.3	18.6	15.6	12

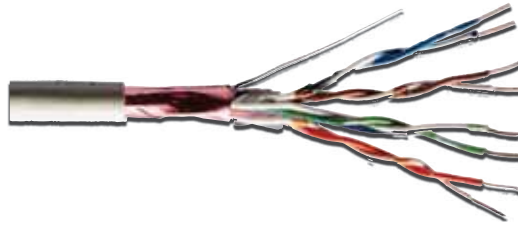


241157 / DK-1531-V-1
100 m Carton, CAT 5e SF-UTP Twisted Pair Installation Cable, PVC

241164 / DK-1531-V-305
305 m Carton, CAT 5e SF-UTP Twisted Pair Installation Cable, PVC

DIGITUS® CAT 5e, Class D, F-UTP Twisted Pair Installation Cable

4x2xAWG24 F-UTP CAT 5e 100 MHz installation cable suitable for building structured cabling in the secondary and tertiary area. Conforming to ISO/IEC 11801, DIN EN 50173 and DIN EN 50288-2-1.



Physical Description	
Basic conductor	Solid AWG 24/1, bare annealed copper
Insulation	PE
Total number of insulated conductors	8, twisted in 4 pairs
Color code	Blue x white, orange x white, green x white, brown x white
Individual pair shield	None
Overall shield	Aluminium foil, providing 100% coverage, foil face out, drain wire
Outer jacket	PVC
Color	Grey

Mechanical Properties	
Mean impedance	100±5 Ohm @ 1-250 MHz
Capacitance unbalance to ground	Min 1600pF/100m
Insulation resistance	0.5 Ohm/Km min
DC loop resistance	19 Ohm/100m max (2 % max resistance unbalance)

Electrical Properties	
DC loop resistance	≤ 190 Ω/km
Resistance unbalance	≤ 2 %
Insulation resistance (500 V)	≥ 2000 MΩxkm
Capacitance at 800 Hz	Nom 48 nF/km
Capacitance unbalance (pair to ground)	≤ 1500 pF/km
Characteristic impedance (1-100 MHz)	(100 ± 15) Ω
Nominal velocity of propagation	Approx 67 %
Propagation delay	Nominal ≤ 535 ns/100 m
Delay skew	Nominal ≤ 45ns/100 m
Test voltage (DC, 1 min) core/core	1000 V
Coupling attenuation	≥ 40 dB



Transmission Properties						
FREQ.	Insertion Loss	NEXT	PS NEXT	ACR	PS-ACR	Return Loss
MHz	dB/100 m	dB	dB	dB/100 m	dB/100 m	dB
	Type	Type	Type	Type	Type	Type
1	3	60	57	57	54	19
4	3.9	54.8	51.8	50.9	47.9	19
8	5.5	50	47	44.5	41.5	19
10	6.2	48.5	45.5	42.3	39.3	19
16	7.9	45.2	42.2	37.3	34.3	19
20	8.9	43.7	40.7	34.8	31.8	19
25	10	42.1	39.1	32.1	29.1	18
31.25	11.2	40.5	37.5	29.3	26.3	17.1
62.5	16.2	35.7	32.7	19.4	16.4	14.1
100	21	32.3	29.3	11.3	8.3	12

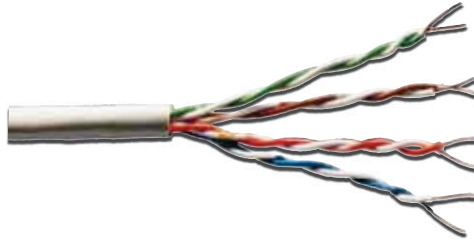


241119 / DK-1521-V-1
100 m Carton, CAT 5e F-UTP Twisted Pair Installation Cable, PVC

241126 / DK-1521-V-305
305 m Carton, CAT 5e F-UTP Twisted Pair Installation Cable, PVC

DIGITUS® CAT 5e, Class D, U-UTP Twisted Pair Installation Cable

4x2xAWG24 F-UTP CAT 5e 100 MHz installation cable suitable for building structured cabling in the secondary and tertiary area. Conforming to ISO/IEC 11801, DIN EN 50173 and DIN EN 50288-2-1.



Physical Description	
Basic conductor	Solid AWG 24/1, bare annealed copper
Insulation	PE
Total number of insulated conductors	8, twisted in 4 pairs
Color code	Blue x white, orange x white, green x white, brown x white
Individual pair shield	None
Overall shield	None
Outer jacket	PVC
Color	Grey

Electrical Properties	
DC loop resistance	≤ 190Ω/km
Resistance unbalance	≤ 2 %
Insulation resistance (500 V)	≥ 2000 MΩxkm
Capacitance at 800 Hz	Nom 48 nF/km
Capacitance unbalance (pair to ground)	≤ 1500 pF/km
Characteristic impedance (1-100 MHz)	(100 ± 15) Ω
Nominal velocity of propagation	Approx 67 %
Propagation delay	Nominal ≤ 535 ns/100 m
Delay skew	Nominal ≤ 45 ns/100 m
Test voltage (DC, 1 min) core/core	1000 V
Coupling attenuation	≥ 40 dB



Transmission Properties								
FREQ.	Insertion Loss	NEXT	PS NEXT	ACR	PS ACR	ELFEXT	PS-ELFEXT	Return loss
MHz	dB/100 m	dB	dB	dB/100 m	dB/100 m	dB/100 m	dB/100 m	dB
	Type	Type	Type	Type	Type	Type	Type	Type
1	3	60	57	57	54	58.6	55.6	19
4	3.9	54.8	51.8	50.9	47.9	46.6	53.6	19
8	5.5	50	47	44.5	41.5	40.6	37.5	19
10	6.2	48.5	45.5	42.3	39.3	38.6	35.6	19
16	7.9	45.2	42.2	37.3	34.3	34.5	31.5	19
20	8.9	43.7	40.7	34.8	31.8	32.6	29.6	19
25	10	42.1	39.1	32.1	29.1	30.7	27.7	18
31.25	11.2	40.5	37.5	29.3	26.3	28.7	25.7	17.1
62.5	16.2	35.7	32.7	19.4	16.4	22.7	19.7	14.1
100	21	32.3	29.3	11.3	8.3	18.6	15.6	12



241072 / DK-1511-V-1
100 m Carton, CAT 5e U-UTP Twisted Pair Installation Cable, PVC

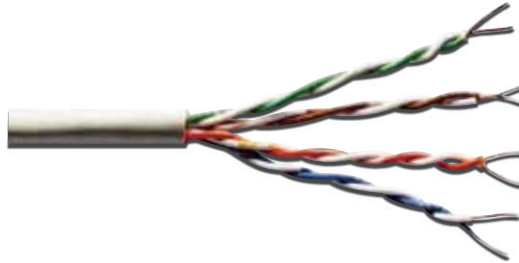
241126 / DK-1511-V-305
305 m Carton, CAT 5e U-UTP Twisted Pair Installation Cable, PVC

Twisted Pair Installation Cable

CAT 6 U-UTP Twisted Pair Installation Cable

4x2xAWG23 U-UTP CAT 6 250MHz, installation cable suitable for building structured cabling in the secondary and tertiary area. Conforming to ISO/IEC 11801, DIN EN 50173 and DIN EN 50288-3-1.

- Basic conductor: Solid AWG 23/1
- Insulation: PE
- Total number of insulated conductors: 2 x 8, twisted in 2 x 4 pairs
- Color code: blue-white, orange-white, green-white, brown-white
- Outer jacket: PVC
- Color: grey



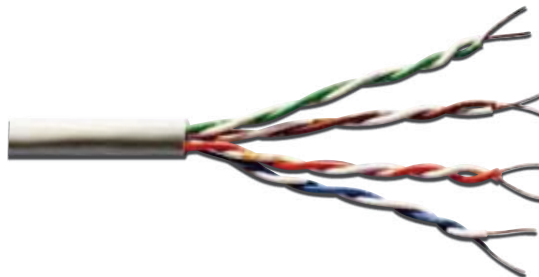
317197/ ACU-4611-305

305 m Carton, CAT 6 U-UTP Twisted Pair Installation Cable, PVC

CAT 5e U-UTP Twisted Pair Installation Cable

4x2xAWG24 U-UTP CAT 5e 100MHz, installation cable suitable for building structured cabling in the secondary and tertiary area. Conforming to ISO/IEC 11801, DIN EN 50173 and DIN EN 50288-3-1.

- Basic conductor: Solid AWG 24/1
- Insulation: PE
- Total number of insulated conductors: 2 x 8, twisted in 2 x 4 pairs
- Color code: blue-white, orange-white, green-white, brown-white
- Outer jacket: PVC
- Color: grey

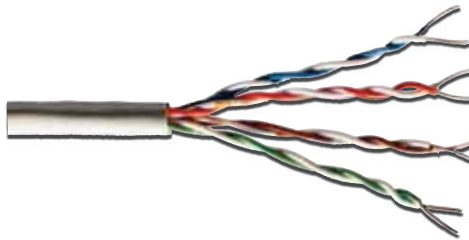


317197/ ACU-4511-305

305 m Carton, CAT 5e U-UTP Twisted Pair Installation Cable, PVC

DIGITUS® CAT 6, Class E, U-UTP Twisted Pair Patch Cable

4x2xAWG24 U-UTP CAT 6 250 MHz patch cable suitable for direct assembly of RJ45 plugs for the manufacture of patch cables.
Conforming to ISO/IEC 11801, DIN EN 50173 and DIN EN 50288-6-2.



Physical Description	
Basic conductor	Solid AWG 24/7, bare annealed copper
Insulation	PE
Total number of insulated conductors	8, twisted in 4 pairs
Color code	Blue x white, orange x white, green x white, brown x white
Individual pair shield	None
Overall shield	Aluminium foil, providing 100 % coverage, foil face out
Outer jacket	PVC
Color	Grey

Electrical Properties	
DC loop resistance	≤ 175.2 Ω/ km
Resistance unbalance	≤ 2 %
Insulation resistance (500 V)	≥ 2000 MΩxkm
Capacitance at 800 Hz	Nom 48 nF/km
Capacitance unbalance (pair to ground)	≤ 1500 pF/km
Characteristic impedance (1-100 MHz)	(100 ± 15) Ω
Nominal velocity of propagation	Approx 67 %
Propagation delay	Nominal ≤ 535 ns/100 m
Delay skew	Nominal ≤ 45 ns/100 m
Test voltage (DC, 1 min) core/core	1000 V
Coupling attenuation	≥ 40 dB

Transmission Properties								
FREQ.	Insertion Loss	NEXT	PS NEXT	ACR-N	PS-ACR-N	ACR-F	PS ACR-F	Return Loss
MHz	dB/100 m	dB	dB	dB/100 m	dB/100 m	dB/100 m	dB/100 m	dB
	Type	Type	Type	Type	Type	Type	Type	Type
1	3	65.0	62.0	62.0	59.0	63.3	60.3	
4	4	63.0	60.5	59.0	56.5	51.2	48.2	19.0
8	5.7	58.2	55.6	52.5	49.9	45.2	42.2	19.0
10	6.3	56.6	54.0	50.2	47.7	43.3	40.3	19.0
16	8	53.2	50.6	45.2	42.6	39.2	36.2	18.0
20	9	21.6	49.0	42.6	39.9	37.2	34.2	17.5
25	10.1	50.0	47.3	39.9	37.2	35.3	32.3	17.0
31.25	11.4	48.4	45.7	37.0	34.3	33.4	30.4	16.5
62.5	16.5	43.4	40.6	26.9	24.1	27.3	24.3	14.0
100	21.3	39.9	37.1	48.6	15.8	23.3	20.3	12.0
200	31.5	34.8	31.9	3.3	0.3	17.2	14.2	9.0
250	35.9	33.1	30.2	-2.8	-5.8	15.3	12.3	8.0

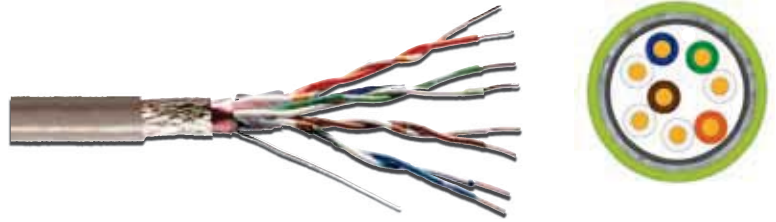


131755 / DK-1611-P-1
100 m Carton, CAT 6 U-UTP Twisted Pair Patch Cable, PVC

131762 / DK-1611-P-305
305 m Carton, CAT 6 U-UTP Twisted Pair Patch Cable, PVC

DIGITUS® CAT 5e, Class E, SF-UTP Twisted Pair Patch Cable

4x2xAWG26 SF-UTP CAT 5e 100 MHz patch cable suitable for direct assembly of RJ45 plugs for the manufacture of patch cables. Conforming to ISO/IEC 11801, DIN EN 50173 and DIN EN 50288-2-2.



Physical Description	
Basic conductor	Solid AWG 26/7, bare annealed copper
Insulation	PE
Total number of insulated conductors	8, twisted in 4 pairs
Color code	Blue x white, orange x white, green x white, brown x white
Individual pair shield	None
Overall shield	Aluminium foil and tin-coated copper wire braid
Outer jacket	PVC
Color	Grey

Electrical Properties	
DC loop resistance	≤ 280 Ω/km
Resistance unbalance	≤ 2 %
Insulation resistance (500 V)	≥ 2000 MΩxkm
Capacitance at 800 Hz	nom 48 nF/km
Capacitance unbalance (pair to ground)	≤ 1500 pF/km
Characteristic impedance (1-100 MHz)	(100 ± 15) Ω
Nominal velocity of propagation	Approx 67 %
Propagation delay	Nominal ≤ 535 ns/100 m
Delay skew	Nominal ≤ 45 ns/100 m
Test voltage (DC, 1 min) core/core	1000 V
Coupling attenuation	≥ 40 dB

Transmission Properties								
FREQ.	Insertion Loss	NEXT	PS NEXT	ACR	PS ACR-N	ACR-F	PS ACR-N	Return Loss
MHz	dB/100 m	dB	dB	dB/100 m	dB/100 m	dB/100 m	dB/100 m	dB
	Type	Type	Type	Type	Type	Type	Type	Type
1	3	60.0	57.0	57.0	54.0	57.4	54.4	17.0
4	4.5	53.5	50.5	49.1	46.1	45.4	42.4	17.0
8	6.3	48.6	45.6	42.3	39.3	39.3	36.3	17.0
10	7.1	47.0	44.0	39.9	36.9	37.4	34.4	17.0
16	9.1	43.6	40.6	34.5	31.5	33.3	30.3	17.0
20	10.2	42.0	39.0	31.8	28.8	31.4	28.4	17.0
25	11.4	40.3	37.3	28.9	25.9	29.4	26.4	16.0
31.25	12.9	38.7	35.7	25.9	22.9	27.5	24.5	15.1
62.5	18.6	33.6	30.6	15.0	12.0	21.5	18.5	12.1
100	24	30.1	27.1	6.1	3.1	17.4	14.4	10.0

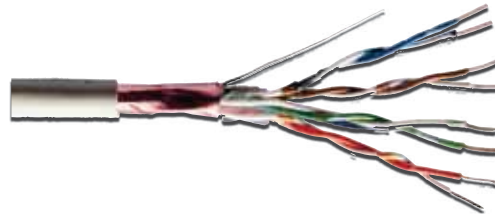


202288 / DK-1531-P-1
100 m Carton, CAT 5e SF-UTP Twisted Pair Patch Cable, PVC

202295 / DK-1531-P-305
305 m Carton, CAT 5e SF-UTP Twisted Pair Patch Cable, PVC

DIGITUS® CAT 5e, Class D, F-UTP Twisted Pair Patch Cable

4x2xAWG24 U-UTP CAT 6 250 MHz patch cable suitable for direct assembly of RJ45 plugs for the manufacture of patch cables. Conforming to ISO/IEC 11801, DIN EN 50173 and DIN EN 50288-6-2.



Physical Description	
Basic conductor	Solid AWG 24/7, bare annealed copper
Insulation	PE
Total number of insulated conductors	8, twisted in 4 pairs
Color code	Blue x white, orange x white, green x white, brown x white
Individual pair shield	None
Overall shield	None
Outer jacket	PVC
Color	Grey

Electrical Properties	
DC loop resistance	≤ 175.2 Ω/km
Resistance unbalance	≤ 2 %
Insulation resistance (500 V)	≥ 2000 MΩxkm
Capacitance at 800 Hz	Nom 48 nF/km
Capacitance unbalance (pair to ground)	≤ 1500 pF/km
Characteristic impedance (1-100 MHz)	(100 ± 15) Ω
Nominal velocity of propagation	Approx 67 %
Propagation delay	Nominal ≤ 535 ns/100 m
Delay skew	Nominal ≤ 45 ns/100 m
Test voltage (DC, 1 min) core/core	1000 V
Coupling attenuation	≥ 40 dB

Transmission Properties								
FREQ.	Insertion Loss	NEXT	PS NEXT	ACR	PS-ACR	ACR-F	PS ACR-F	Return Loss
MHz	dB/100 m	dB	dB	dB/100 m	dB/100 m	dB/100 m	dB/100 m	dB
	Type	Type	Type	Type	Type	Type	Type	Type
1	3	60.0	57.0	57.0	54.0	57.4	54.4	17.0
4	4.5	53.5	50.5	49.1	46.1	45.4	42.4	17.0
8	6.3	48.6	45.6	42.3	39.3	39.3	36.3	17.0
40	7.1	47.0	44.0	39.9	36.9	37.4	34.4	17.0
16	9.1	43.6	40.6	34.5	31.5	33.3	30.3	17.0
20	10.2	42.0	39.0	31.8	28.8	31.4	28.4	17.0
25	11.4	40.3	37.3	28.9	25.9	29.4	26.4	16.0
31.25	12.9	38.7	35.7	25.9	22.9	27.5	24.5	15.1
62.5	18.6	33.6	30.6	15.0	12.0	21.5	18.5	12.1
100	24	30.1	27.1	6.1	3.1	17.4	14.4	10.0

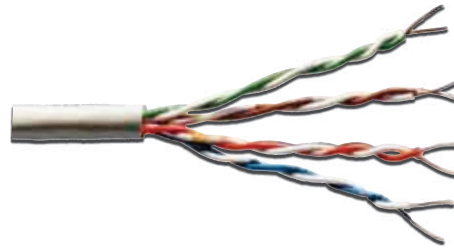


186434 / DK-1521-P-1
100 m Carton, CAT 5e F-UTP Twisted Pair Patch Cable, PVC

202271 / DK-1521-P-305
305 m Carton, CAT 5e F-UTP Twisted Pair Patch Cable, PVC

DIGITUS® CAT 5e, Class D, U-UTP Twisted Pair Patch Cable

4x2xAWG26 SF-UTP CAT 5e 100 MHz patch cable suitable for direct assembly of RJ45 plugs for the manufacture of patch cables. Conforming to ISO/IEC 11801, DIN EN 50173 and DIN EN 50288-2-2.



Physical Description	
Basic conductor	Solid AWG 24/7, bare annealed copper
Insulation	PE
Total number of insulated conductors	8, twisted in 4 pairs
Color code	Blue x white, orange x white, green x white, brown x white
Individual pair shield	None
Overall shield	None
Outer jacket	PVC
Color	Grey

Electrical Properties	
DC loop resistance	$\leq 175.2 \Omega/\text{km}$
Resistance unbalance	$\leq 2 \%$
Insulation resistance (500 V)	$\geq 2000 \text{ M}\Omega \times \text{km}$
Capacitance at 800 Hz	Nom 48 nF/km
Capacitance unbalance (pair to ground)	$\leq 1500 \text{ pF/km}$
Characteristic impedance (1-100 MHz)	$(100 \pm 15) \Omega$
Nominal velocity of propagation	Approx 67 %
Propagation delay	Nominal $\leq 535 \text{ ns}/100 \text{ m}$
Delay skew	Nominal $\leq 45 \text{ ns}/100 \text{ m}$
Test voltage (DC, 1 min) core/core	1000 V
Coupling attenuation	$\geq 40 \text{ dB}$

Transmission Properties									
FREQ.	Insertion Loss	NEXT	PS NEXT	ACR	PS ACR	ACR-F	PS ACR-F	Return Loss	
MHz	dB/100 m	dB	dB	dB/100 m	dB/100 m	dB/100 m	dB/100 m	dB	
	Type	Type	Type	Type	Type	Type	Type	Type	Type
1	3	60.0	57.0	57.0	54.0	57.4	54.4	17.0	
4	4.5	53.5	50.5	49.1	46.1	45.4	42.4	17.0	
8	6.3	48.6	45.6	42.3	39.3	39.3	36.3	17.0	
40	7.1	47.0	44.0	39.9	36.9	37.4	34.4	17.0	
16	9.1	43.6	40.6	34.5	31.5	33.3	30.3	17.0	
20	10.2	42.0	39.0	31.8	28.8	31.4	28.4	17.0	
25	11.4	40.3	37.3	28.9	25.9	29.4	26.4	16.0	
31.25	12.9	38.7	35.7	25.9	22.9	27.5	24.5	15.1	
62.5	18.6	33.6	30.6	15.0	12.0	21.5	18.5	12.1	
100	24	30.1	27.1	6.1	3.1	17.4	14.4	10.0	

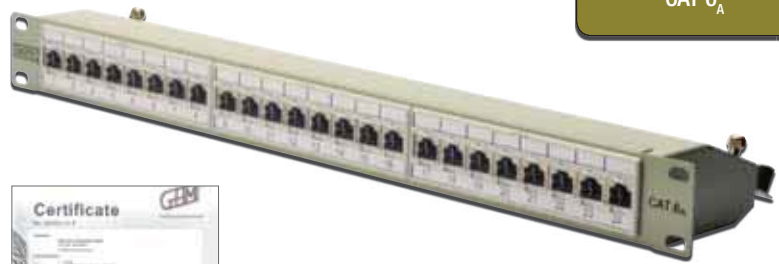


202233 / DK-1511-P-1
100 m Carton, CAT 5e U-UTP Twisted Pair Patch Cable, PVC

202257 / DK-1511-P-305
305 m Carton, CAT 5e U-UTP Twisted Pair Patch Cable, PVC

DIGITUS® CAT 6_A Patch Panel, Shielded

- CAT 6_A Class E_A for up to 500 MHz
- Qualified for 10 GBit Ethernet
- Shielded RJ45 sockets, 8P8C
- Material housing: SECC, 1,5 mm electrogalvanized, cold-rolled steel accc. EN1.4301, UNS S30400, AISI 304 and LMSAD110
- Suitable for 483 mm (19") rack mount
- 360° Shield coverage
- Dust protection shutter included
- Cable installation via LSA strips, color coded according to EIA/TIA 568 A & B
- Fixing option for cable ties, central ground connection
- Complies with the 802.3at PoE+ and the 802.3af PoE standard



CAT 6_A



288428 / DN-91624S-EA

24-port patch panel, shielded, 1U, light grey RAL 7035

DIGITUS® CAT 6 Patch Panel, Shielded

- Manufactured acc. Link Performance Class E, for up to 250MHz, EN 50173 and ISO/IEC 11801
- Shielded RJ45 jacks
- Cable installation via LSA strips, color codes based on EIA/TIA 568 A & B
- Fixing option for cable ties, central ground connection
- Suitable for 483 mm (19") rack mount
- Material housing: SECC, 1,5 mm electrogalvanized, cold-rolled steel accc. EN1.4301, UNS S30400, AISI 304 and LMSAD110



CAT 6



241614 / DN-91624S

24-port patch panel, shielded, 1U, light grey RAL 7035

241607 / DN-91616S

16-port patch panel, shielded, 1U, light grey RAL 7035

DIGITUS® CAT 5e Patch Panel, Shielded

- ISO/IEC 11801 and EN 50173
- RJ45 jacks
- Cable installation via LSA strips, color codes based on EIA/TIA 568 A & B
- Suitable for 483 mm (19") rack mount
- Material housing: SECC, 1,5 mm electrogalvanized, cold-rolled steel accc. EN1.4301, UNS S30400, AISI 304 and LMSAD110



CAT 5e



241522 / DN-91524S

24-port patch panel, shielded, 1U, light grey RAL 7035

241515 / DN-91516S

16-port patch panel, shielded, 1U, light grey RAL 7035



19" High Density Patch Panel

DIGITUS® CAT 6_A High Density Patch Panel, Shielded

Save a lot of space (only 0.5U) - With shutters for dust protection - Best performance and link quality for your network

- CAT 6_A Class E_A for up to 500 MHz
- only 0.5U
- Qualified for 10 GBit Ethernet
- Shielded RJ45 sockets, 8P8C
- Material housing: SECC, 1,5 mm electrogalvanized, cold-rolled steel accc. EN1.4301, UNS S30400, AISI 304 and LMSAD110
- 360° shield coverage
- Dust protection shutter included
- Cable installation via LSA strips, color coded according to EIA/TIA 568 A & B
- Fixing option for cable ties, central ground connection
- Complies with the 802.3at PoE+ and the 802.3af PoE standard

CAT 6_A

0.5U



341369 / DN-91624S-SL-EA

24-port high density patch panel shielded, rackmount, 0.5U, black RAL 9005

DIGITUS® CAT 6 High Density Patch Panel, Shielded

Save a lot of space (only 0.5U) - With shutters for dust protection - Best performance and link quality for your network

- Manufactured acc. to Link Performance Class E, for up to 250 MHz, EN 50173 and ISO/IEC 11801
- Shielded
- Cable installation via LSA strips, color codes based on EIA/TIA 568 A & B
- Fixing option for cable ties, central ground connection
- Suitable for 483 mm (19") rack mount
- only 0.5U
- Shutter for dust protection
- 24 RJ45 ports
- CAT 6



CAT 6

0.5U



323297 / DN-91624S-SL-SH

24-port high density patch panel, shielded, 0.5U, black RAL 9005

323297 / DN-91624S-SL-SH-G

24-port high density patch panel, shielded, 0.5U, light grey RAL 7035

DIGITUS® CAT 6 High Density Patch Panel, Unshielded

Save a lot of space (only 0.5U) - With shutters for dust protection - Best performance and link quality for your network

- Manufactured acc. to Link Performance Class E, for up to 250 MHz, EN 50173 and ISO/IEC 11801
- Unshielded
- Cable installation via LSA strips, color codes based on EIA/TIA 568 A & B
- Fixing option for cable ties, central ground connection
- Suitable for 483 mm (19") rack mount
- only 0.5U
- Shutter for dust protection



CAT 6

0.5U



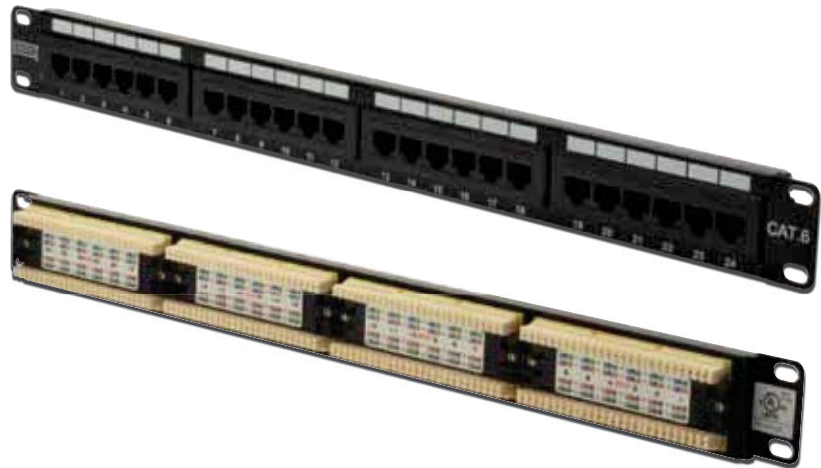
323280 / DN-91624U-SL-SH

24-port high density patch panel, unshielded, 0.5U, black RAL 9005

DIGITUS® CAT 6 Patch Panel, Unshielded

CAT 6

- Manufactured acc. Link Performance Class E, for up to 250MHz, EN 50173 and ISO/IEC 11801
- RJ45 jacks
- Cable installation via LSA strips, color codes based on EIA/TIA 568 A & B
- Fixing option for cable ties, central ground connection
- Suitable for 483 mm (19") rack mount
- Material housing: SECC, 1,5 mm electrogalvanized, cold-rolled steel accc. EN1.4301, UNS S30400, AISI 304 and LMSAD110



241560 / DN-91648U
48-port patch panel, unshielded, 2U, black RAL 9005

241553 / DN-91624U
24-port patch panel, unshielded, 1U, black RAL 9005

241546 / DN-91616U
16-port patch panel, unshielded, 1U, black RAL 9005

DIGITUS® CAT 5e Patch Panel, Unshielded

CAT 5e

- ISO/IEC 11801 and EN 50173
- RJ45 jacks
- Cable installation via LSA strips, color codes based on EIA/TIA 568 A & B
- Fixing option for cable ties
- Suitable for 483 mm (19") rack mount
- Material housing: SECC, 1,5 mm electrogalvanized, cold-rolled steel accc. EN1.4301, UNS S30400, AISI 304 and LMSAD110



241478 / DN-91548U
48-port patch panel, unshielded, 2U, black RAL 9005

241461 / DN-91524U
24-port patch panel, unshielded, 1U, black RAL 9005

241454 / DN-91516U
16-port patch panel, unshielded, 1U, black RAL 9005

DIGITUS® CAT 6 Patch Panel, Shielded

CAT 6

- Tested according to Link Performance Class E, for up to 250MHz, ISO/IEC 11801 and EN 50173
- Shielded RJ45 sockets, 8P8C
- Cable installation via LSA strips, color codes based on EIA/TIA 568 A & B
- Fixing option for cable ties, central ground connection
- Suitable for 254 mm (10") rack mount
- Material housing: SECC, 1,5 mm electrogalvanized, cold-rolled steel accc. EN1.4301, UNS S30400, AISI 304 and LMSAD110



241591 / DN-91612S

12-port patch panel, shielded, 1U, black RAL 9005

241577 / DN-91608S

8-port patch panel, shielded, 1U, black RAL 9005

DIGITUS® CAT 5e Patch Panel, Shielded

CAT 5e

- ISO/IEC 11801 and EN 50173
- RJ45 jacks
- Cable installation via LSA strips, color codes based on EIA/TIA 568 A & B
- Screw-type strain relief, fixing option for cable ties and central ground connection
- Suitable for 254 mm (10") rack mount
- Material housing: SECC, 1,5 mm electrogalvanized, cold-rolled steel accc. EN1.4301, UNS S30400, AISI 304 and LMSAD110



241508 / DN-91512S

12-port patch panel, shielded, 1U, black RAL 9005

241485 / DN-91508S

8-port patch panel, shielded, 1U, black RAL 9005

DIGITUS® CAT 5e Patch Panel, Unshielded

CAT 5e

- ISO/IEC 11801 and EN 50173
- RJ45 jacks
- Cable installation via LSA strips, color codes based on EIA/TIA 568 A & B
- Screw-type strain relief, fixing option for cable ties and central ground connection
- Suitable for 254 mm (10") rack mount
- Material housing: SECC, 1,5 mm electrogalvanized, cold-rolled steel accc. EN1.4301, UNS S30400, AISI 304 and LMSAD110



241447 / DN-91512U

12-port patch panel, unshielded, 1U, black RAL 9005

241430 / DN-91508U

8-port patch panel, unshielded, 1U, black RAL 9005

DIGITUS® Desktop CAT 6 Patch Panel, Shielded

- Class E, up to 250 MHz, ISO IEC 11801, EN 50173
- 1 Gbit Ethernet
- Material housing: SECC, 1,5 mm electrogalvanized, cold-rolled steel accc. EN1.4301, UNS S30400, AISI 304 and LMSAD110
- Shielded RJ45 sockets, 8P8C
- Cable installation via LSA strips, color coded according to EIA/TIA 568 A & B
- Fixing option for cable ties
- Central ground connection
- Desktop version



CAT 6



241584 / DN-91608SD

8-port desktop patch panel, shielded, 1U, black RAL 9005

DIGITUS® Desktop CAT 5e Patch Panel, Shielded

- Class D, up to 100 MHz, ISO IEC 11801, EN 50173
- Material housing: SECC, 1,5 mm electrogalvanized, cold-rolled steel accc. EN1.4301, UNS S30400, AISI 304 and LMSAD110
- Shielded RJ45 sockets, 8P8C
- Cable installation via LSA strips, color coded according to EIA/TIA 568 A & B
- Fixing option for cable ties
- Central ground connection
- Desktop version



CAT 5e



108931 / DN-10001

8-port desktop patch panel, shielded, 1U, black RAL 9005

DIGITUS® Desktop CAT 6_A Patch Panel, Shielded

Applicable for SOHO solutions

- Class E_A, up to 500 MHz, ISO IEC 11801, EN 50173
- 10 Gbit Ethernet
- Material housing: SECC, 1,5 mm electrogalvanized, cold-rolled steel accc. EN1.4301, UNS S30400, AISI 304 and LMSAD110
- Shielded RJ45 sockets, 8P8C
- Cable installation via LSA strips, colour codes based on EIA/TIA 568 A & B
- Fixing option for cable ties
- Central ground connection
- Desktop version

CAT 6_A

Class E_A



315063 / DN-91612SD-EA

12-port desktop patch panel, shielded, 1U, black RAL 9005

DIGITUS® CAT 3 ISDN Patch Panel, Unshielded

- Suitable for 483 mm (19") rack mount
- Material housing: SECC, 1,5 mm electrogalvanized, cold-rolled steel accc. EN1.4301, UNS S30400, AISI 304 and LMSAD110
- Unshielded RJ45 jacks
- Material contacts: Phosphor bronze
- Contacts coating: Nickel, gold plated 0,3µ
- Cable installation via LSA strips, color coded according to EIA/TIA 568 A & B
- Material IDC Terminal: Phosphor Bronze with 50 µ Tin plated over 60 µ Nickel plated
- Material PCB: FR4, UL 94 V-0, multilayer 1,45 mm thickness
- Insertion force: ≤ 30N
- Mating cycles: ≥ 750 (ISO/IEC 11801, IEC 60603-7-5)
- Operating temperature: -20°C ... +70°C
- Current carrying capacity: 1A at 50°C
- Isolation resistance > 500 MOhm

CAT 3



269021 / DN-91350-1

50-port ISDN patch panel, unshielded, 1U, light grey RAL 7035

269007 / DN-91325-1

25-port ISDN patch panel, unshielded, 1U, light grey RAL 7035

DIGITUS® CAT 6_A Network Outlet, Design Compatible, Shielded

Design Compatible

- CAT 6_A Class E_A for up to 500 MHz
- CAT 6_A, EIA/TIA 568 and ISO/IEC 11801 / EN 50173
- Design compatible with common switch programmes
- Central plate with integrated dust cover
- Shielded RJ45 sockets due to enclosed metal die cast housing
- Label window with tag
- 360° shield coverage
- 2x shielded RJ45 sockets
- Cable installation via LSA strips, color coded according to EIA/TIA 568 A & B
- Frame 80 x 80 mm incl central plate 50 x 50 mm according to DIN 49075
- Horizontal cable entry
- DN-9007-1, flush mount
- DN-9007-S-1, surface mount



DN-9007-1



DN-9007-S-1



320197 / DN-9007-1

Cat 6_A network outlet, flush mount, pure white, horizontal cable entry, shielded

320203 / DN-9007-S-1

Cat 6_A network outlet, surface mount, pure white, horizontal cable entry, shielded

DIGITUS® CAT 6_A Network Outlet, Design Compatible, Shielded

Design Compatible

- CAT 6_A Class E_A for up to 500 MHz
- CAT 6_A, EIA/TIA 568 and ISO/IEC 11801 / EN 50173
- Design compatible with common switch programmes
- Central plate with integrated dust cover
- Complete shielding of RJ45 sockets and LSA strips from enclosed metal die cast housing
- Integrated installation cable strain relief
- 40° socket angle
- Trunking system, surface / flush mount ready
- Cable installation via LSA strips, color codes based on EIA/TIA 568 A & B
- Vertical cable entry
- DN-9008-1, flush mount
- DN-9008-S-1, surface mount



DN-9008-1



DN-9008-S-1



320227 / DN-9008-1

Cat 6_A network outlet, flush mount, pure white, vertical cable entry, shielded

320234 / DN-9008-S-1

Cat 6_A network outlet, surface mount, pure white, vertical cable entry, shielded

DIGITUS® CAT 6 Network Outlet, Design Compatible, Flush Mount, Shielded

Design Compatible

- CAT 6, EIA/TIA 568 und ISO/IEC 11801 / EN 50173
- GHMT CAT 6 DE EMBEDDED certified according to Link Performance CAT 6 CLASS E
- Design compatible with common switch programmes
- Central plate with integrated dust cover
- Complete shielding of RJ45 sockets and LSA strips from enclosed metal die cast housing
- Integrated installation cable strain relief
- 40° socket angle
- Trunking system, surface / flush mount ready
- Cable installation via LSA strips, color codes based on EIA/TIA 568 A & B
- Cover frame in 80 x 80 mm incl. Central plate 50 x 50 mm according to DIN 49075
- Horizontal cable entry
- Flush Mount



241409 / DN-9005-KL-N

CAT 6 network outlet, flush mount, pure white, horizontal cable entry, shielded

DIGITUS® CAT 6 Network Outlet, Flush Mount, Horizontal Cable Entry, Shielded



- CAT 6, EIA/TIA 568 und ISO/IEC 11801 / EN 50173
- Suitable for up to 250MHz
- Complete shielding of RJ45 sockets and LSA strips from enclosed metal die cast housing
- Integrated installation cable strain relief
- 40° socket angle
- Trunking system, surface / flush mount ready
- Cable installation via LSA strips, color codes based on EIA/TIA 568 A & B
- Frame 80 x 80 mm incl. central plate 50 x 50 mm according to DIN 49075
- Horizontal cable entry
- Color pure white

Class E CAT 6 tested



175711 / DN-9005-N

CAT 6 network outlet, flush mount, pure white, horizontal cable entry, shielded

175759 / DN-9005/B5-N

CAT 6 network outlet, flush mount, pure white, horizontal cable entry, shielded, 5 pcs

DIGITUS® CAT 5e Network Outlet, Flush Mount, Horizontal Cable Entry, Shielded



- CAT 5e, EIA TIA 568 and ISO IEC 11801 / EN 50173
- Suitable for up to 100MHz
- Complete shielding of RJ45 sockets and LSA strips from enclosed metal die cast housing
- Integrated installation cable strain relief
- 40° socket angle
- Trunking system, surface / flush mount possible
- Cable installation via LSA strips, color coded according to EIA/TIA 568 A & B
- Frame 80 x 80 mm incl. central plate 50 x 50 mm according to DIN 49075
- Horizontal cable entry
- Color pure white



175650 / DN-9001-N

CAT 5e network outlet, flush mount, pure white, horizontal cable entry, shielded

175704 / DN-9001/B5-N

CAT 5e network outlet, flush mount, pure white, horizontal cable entry, shielded, 5 pcs

DIGITUS® CAT 6 Network Outlet, Surface Mount, Horizontal Cable Entry, Shielded



- CAT 6, EIA/TIA 568 and ISO/IEC 11801 / EN 50173
- Tested and 3P Channel Link certified for LINK Performance CAT 6 CLASS E for up to 250MHz, 1Gbit Ethernet
- Complete shielding of RJ45 sockets and LSA strips from enclosed metal die cast housing
- Integrated installation cable strain relief
- 40° socket angle
- Trunking system, surface / flush mount ready
- Cable installation via LSA strips, color codes based on EIA/TIA 568 A & B
- Cover frame in 80 x 80 mm incl. Central plate 50 x 50 mm according to DIN 49075
- Horizontal cable entry
- Color pure white

Class E CAT 6 tested



175735 / DN-9006-N

CAT 6 network outlet, surface mount, pure white, horizontal cable entry, shielded

175742 / DN-9006/B5-N

CAT 6 network outlet, surface mount, pure white, horizontal cable entry, shielded, 5 pcs

DIGITUS® CAT 5e Network Outlet Surface Mount, Horizontal Cable Entry, Shielded



- CATCAT 5e, EIA TIA 568 and ISO IEC 11801 / EN 50173
- Suitable up to 100MHz
- Complete shielding of RJ45 sockets and LSA strips from enclosed metal die cast housing
- Integrated installation cable strain relief
- 40° socket angle
- On wall / in wall ready
- Cable installation via LSA strips, colour codes based on EIA/TIA 568 A & B5e wall outlets shielded, surface mount
- Color pure white



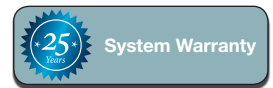
175681 / DN-9002-N

CAT 5e network outlet, surface mount, pure white, horizontal cable entry, shielded

175698 / DN-9002/B5-N

CAT 5e network outlet, surface mount, pure white, horizontal cable entry, shielded, 5 pcs

DIGITUS® CAT 6_A Keystone Modules, Tool Free Connection



DN-93615



DN-93604

Quick and safe wire terminations without any special tool

Tested and 3P category certified for connecting hardware category 6_A transmission requirements of ANSI/TIA Generic Cabling Standard 568-C.2, and IEC test standard 60512-27-100. Meets requirements acc. following standards: IEC 60603-7-51, ANSI/TIA/EIA 568-C.2, IEC 60512-27-100, ISO/IEC 11801 am. 2.

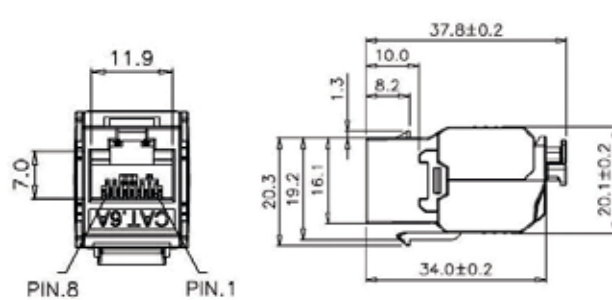
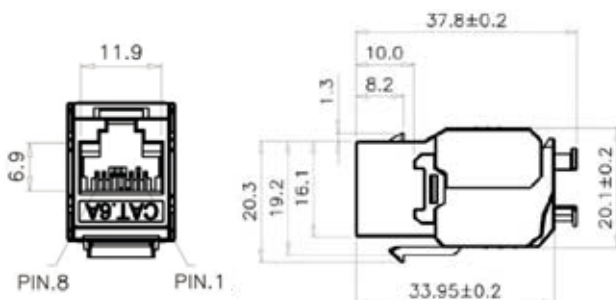
- Material enclosure: zinc diecast - nickel plated
- Material contacts: phosphor bronze
- 360° cable screen connection for enhanced EMI protection
- Contacts coating: nickel, gold plated 0.5µ
- Operating temperature: -10°C ~ +60°C (ISO/IEC 11801, ANSI/TIA/EIA 568 B.2)
- Material PCB: FR4, UL 94V-0, multilayer 1.45 mm thickness
- Mating cycles: ≥ 750 (ISO/IEC 11801, IEC 60603-7-5)
- Diameter Cu-conductor: AWG (26/1 ... 23), stranded and solid
- RJ45 jack, female, for patch panel installation
- Compact form allows an installation of 24 x in 483 mm (19") 1U blank panel
- Suitable for bracket type DN-91402, DN-91410, DN-91411, DN-91412, DN-91412S-ANP, DN-91413S-ANP, DN-91421, DN-91422, DN-91423, DN-91424
- Opening size acc. Keystone standard 19.35 x 14.8 mm
- Tool free cable installation via LSA stripes, color coded according to EIA/TIA 568 A & B
- Suitable for design wall plates for several well-known switching programs e.g.
- Suitable for design wall plates for switching program PEHA part number: D 600 MJ8
- Suitable for design wall plates for switching program FELLER (CH) EDIZIO due part
- Number e.g.: 1183-028.FMI.F.61
- Fits easily in wall- and floor boxes, patch panels, desk boxes through short depth

Shielded Keystone Jack

Cable entry: rear
 Hole plate thickness: jack will clip into a hole plate thickness of 1.6 mm max
 Body: zinc die-casting, nickel-plated
 Jack contacts: phosphor Bronze
 IDC contacts: phosphor Bronze
 Plating: 50µm of gold over 40µm of Nickel
 Wire terminations: tool free with cap for stranded and solid wires AWG 23-26
 Wiring standard: EIA/TIA 568A/B
 Conformance: category 6_A / 10GBase-T Channel
 ANSI/EIA/TIA 568C.2.1:2002
 ISO/IEC 11801:2002
 Certification: independent laboratory
 Dimension: 20 x 14 x 34 mm
 Weight: ca. 22 g

Unshielded Keystone Jack

Cable entry: rear
 Hole plate thickness: jack will clip into a hole plate thickness of 1.6 mm max
 Body: ABS halogenfree, UL 94V-0
 Jack contacts: phosphor Bronze
 IDC contacts: phosphor Bronze
 Plating: 50µm of gold over 40µm of Nickel
 Wire terminations: tool free with cap for stranded and solid wires AWG 23-26
 Wiring standard: EIA/TIA 568A/B
 Conformance: category 6_A / 10GBase-T Channel
 ANSI/EIA/TIA 568C.2.1:2002
 ISO/IEC 11801:2002
 Certification: independent laboratory
 Dimension: 20 x 14 x 34 mm
 Weight: ca. 9 g



293767 / DN-93615
 CAT 6_A Keystone module, shielded, toolless

293927 / DN-93604
 CAT 6_A Keystone module, unshielded, toolless

DIGITUS® Crimping Tool Set for Keystone Module

The DIGITUS® Crimping Tool Set is the easiest and quickest way to crimp and cut your cables for Keystone modules. Just put the pre-assembled Keystone modules in the suitable tool head which is equipped on the crimping tool itself and it will perfectly crimp and cut the protruding wire ends. The DIGITUS® Crimping Tool Set includes the tool heads DN-94018 and DN-94019 which are suitable for the DIGITUS® Keystone modules DN-93604, DN-93615 and DN-93616.

- Changeable tool heads are easy to equip to single crimping tool
- Included tool heads suitable for Keystone modules DN-93604, DN-93615 and DN-93616
- DN-94021 Crimping Tool Set for Keystone modules DN-93604, DN-93615 & DN-93616
- DN-94020 Crimping Tool Set for Keystone modules DN-93604 & DN-93615

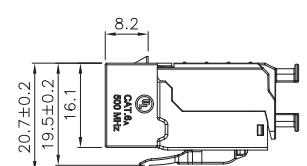
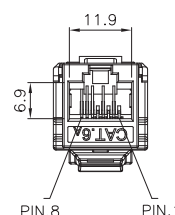


343479 / DN-94021 Crimping tool set for Keystone modules (tongs DN-94016 and tool adapter DN-94018 & DN-94019)
343240 / DN-94020 Crimping tool set for Keystone modules (tongs DN-94016 and tool adapter DN-94018)
343226 / DN-94019 Tool adapter for crimping tool (suitable for DN-93616)
343165 / DN-94018 Tool adapter for crimping tool (suitable for DN-93615 & DN-93604)
343103 / DN-94016 Crimping tool (without tool adapter)

DIGITUS® CAT 6_A Keystone Module, Shielded

Meets requirements acc. following standards: IEC 60603-7-51, ANSI/TIA/EIA 568-C.2, IEC 60512-27-100, ISO/IEC 11801 am. 2.

- Material enclosure: zinc diecast - nickel plated
- Material contacts: phosphor bronze
- 360° cable screen connection for enhanced EMI protection
- Contacts coating: nickel, gold plated 0,5µ
- Operating temperature: -10°C ~ +60°C (ISO/IEC 11801, ANSI/TIA/EIA 568 B.2)
- Material PCB: FR4, UL 94V-0, multilayer 1,45 mm thickness
- Mating cycles: ≥ 750 (ISO/IEC 11801, IEC 60603-7-5)
- RJ45 jack, female, for patch panel installation
- Compact form allows an installation of 24 x in 483 mm (19") 1U blank panel
- Suitable for bracket type DN-91402, DN-91410, DN-91411, DN-91412, DN-91412S-ANP, DN-91413S-ANP, DN-91421, DN-91422, DN-91423, DN-91424
- Opening size acc. Keystone standard 19.35 x 14.8 mm
- Suitable for design wall plates for several well-known switching programs, e.g. Busch-Jaeger part number: 1812 or 1866EB
- Suitable for design wall plates for switching program PEHA part number: D 600 MJ8
- Suitable for design wall plates for switching program FELLER (CH) EDIZIOdue part number e.g.: 1183-028.FMI.F61
- Fits easily in wall- and floor boxes, patch panels, desk boxes through short depth
- POE+ according to IEEE 802.3at



330486 / DN-93616 CAT 6 _A Keystone module, shielded
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DIGITUS® CAT 6, Class E_A, Keystone Modules, Tool Free Connection



DN-93612



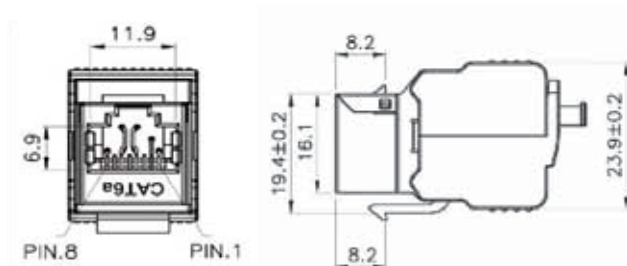
DN-93602

The fully downward compatible CAT 6 Keystone module makes an easy installation in combination with excellent measurements possible. The high quality ensures the usage with the most demanding applications like 10GBase-T. The innovative housing design offers quick and safe wire terminations without any special tool. Its compact form allows an installation of 24 keystone module in a row with a 1U patch panel. These facts assure a uncomplicated mounting and marking as well as a high reliability.

- CAT 6 Class EA for up to 500 MHz
- Tested acc. Permanent Link Class EA ISO/IEC 11801-AMD 2 (2009-04)
- Qualified for 10 Gbit Ethernet
- Quick and safe wire terminations without any special tool
- Fully shielded
- Tool free cable installation via LSA stripes, color coded according to EIA/TIA 568 A & B
- RJ 45 jack, female, for patch panel installation
- Opening size acc. keystone standard 19,35 x 14,8 mm
- Compact form allows an installation of 24 x in 483 mm (19") 1U blank panel
- Suitable for bracket type DN-91402, DN-91410, DN-91411, DN-91412, DN-91412S-ANP, DN-91413S-ANP
- GHMT certified

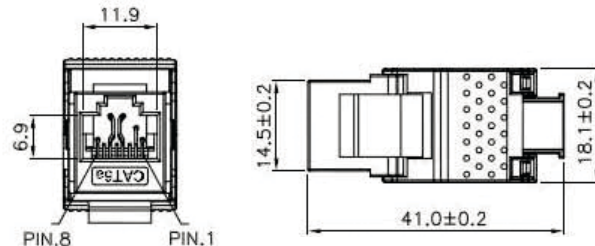
Shielded Keystone Jack

Cable entry: rear
 Hole plate thickness: jack will clip into a hole plate thickness of 1.6mm max
 Body: zinc Die-casting, nickel-plated
 Jack contacts: phosphor bronze
 IDC contacts: phosphor bronze
 Plating: 50µm of gold over 40µm of nickel
 Wire terminations: tool free with cap for stranded and solid wires AWG 22-26
 Wiring standard: EIA/TIA 568A/B
 Conformance: category 6_A / 10GBase-T Channel
 ANSI/EIA/TIA 568B.2.1:2002
 ISO/IEC 11801:2002
 EN50173-1: 2002
 Certification: independent laboratory
 Dimension: 18 x 24 x 41 mm
 Weight: ca. 23 g



Unshielded Keystone Jack

Cable entry: rear
 Hole plate thickness: jack will clip into a hole plate thickness of 1.6 mm max
 Body: plastic, UL 94V-0
 Jack contacts: phosphor bronze
 IDC contacts: phosphor bronze
 Plating: 50µm of gold over 40µm of nickel
 Wire terminations: tool free with cap for stranded and solid wires AWG 22-26
 Wiring standard: EIA/TIA 568A/B
 Conformance: category 6_A / 10GBase-T Channel
 ANSI/EIA/TIA 568B.2.1:2002
 ISO/IEC 11801:2002
 EN50173-1: 2002
 Certification: independent laboratory
 Dimension: 18 x 24 x 41 mm
 Weight: ca. 10 g



245131 / DN-93612
 CAT 6 Class E_A Keystone module, shielded, toolless

245124 / DN-93602
 CAT 6 Class E_A Keystone module, unshielded, toolless

DIGITUS® CAT 6, Klasse E_A, Keystone Modules, Tool Free Connection



DN-93614



DN-93603

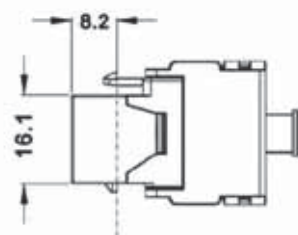
Quick and safe wire terminations without any special tool

Tested for Link Performance Class E_A (A-subscript), for up to 500MHz, GHMT Channel Link certified, DIN EN 50173-1 (IEC 60603-7, IEC 60512-4-1) and ISO/IEC 11801 2002:AM:2009/09

- Material enclosure: zinc diecast
- Material contacts: phosphor bronze
- Contacts coating: nickel, gold plated 0,6µ
- Operating temperature: -10°C ~ +50°C
- Material PCB: FR4, 1,2 mm thickness
- Mating cycles: ≥ 750
- RJ45 jack, female, for patch panel installation
- Compact form allows an installation of 24 x in 483 mm (19") 1U blank panel
- Suitable for bracket type DN-91402, DN-91410, DN-91411, DN-91412, DN-91412S-ANP, DN-91413S-ANP
- Opening size acc. Keystone standard 19.35 x 14.8 mm
- Suitable for design wall plates for several well-known switching programs

Shielded Keystone Jack

Cable entry:	rear
Hole plate thickness:	jack will clip into a hole plate thickness of 1.6 mm max
Body:	zinc Die-casting, nickel-plated
Jack contacts:	phosphor bronze
IDC contacts:	phosphor bronze
Plating:	50µm of gold over 40µm of nickel
Wire terminations:	tool free with cap for stranded and solid wires AWG 23-26
Wiring standard:	EIA/TIA 568A/B
Conformance:	category 6 _A / 10GBase-T channel ANSI/EIA/TIA 568B.2.1:2002 ISO/IEC 11801:2002 EN50173-1:2002
Certification:	independent laboratory
Dimension:	41.2 x 26 x 17.1 mm
Weight:	ca. 33 g



Unshielded Keystone Jack

Cable entry:	rear
Hole plate thickness:	jack will clip into a hole plate thickness of 1.6 mm max
Body:	ABS halogenfree, UL 94V-0
Jack contacts:	phosphor bronze
IDC contacts:	phosphor bronze
Plating:	50µm of gold over 40µm of nickel
Wire terminations:	tool free with cap for stranded and solid wires AWG 23-26
Wiring standard:	EIA/TIA 568A/B
Conformance:	category 6 / 10GBase-T channel ANSI/EIA/TIA 568B.2.1:2002 ISO/IEC 11801:2002 EN50173-1:2002
Certification:	independent laboratory
Dimension:	35 x 25 x 17 mm
Weight:	ca. 12 g



276012 / DN-93614

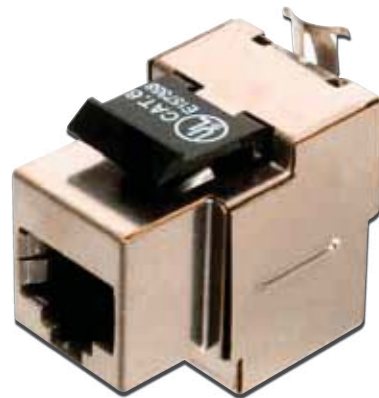
CAT 6 Class E_A Keystone module, shielded, toolless

259398 / DN-93603

CAT 6 Class E_A Keystone module, unshielded, toolless

DIGITUS® CAT 6, Keystone Module, Shielded

- Tested for Link Performance Class E, for up to 250MHz, EN 50173 and ISO/IEC 11801
- 3P Channel Link and Permanent Link certified
- Cable installation via LSA strips, color coded according to EIA/TIA 568 A & B
- RJ45 jack, female, for patch panel installation
- Suitable for the following patch panels: DN-91400, DN-91401



245117 / DN-93611

CAT 6 Keystone module, shielded

DIGITUS® CAT 6, Keystone Module, Unshielded

- Tested for Link Performance Class E, for up to 250MHz, 3P Channel Link and Permanent Link certified, EN 50173 and ISO/IEC 11801
- Cable installation via LSA stripes, color coded according to EIA/TIA 568 A & B
- RJ45 jack, female, for patch panel installation

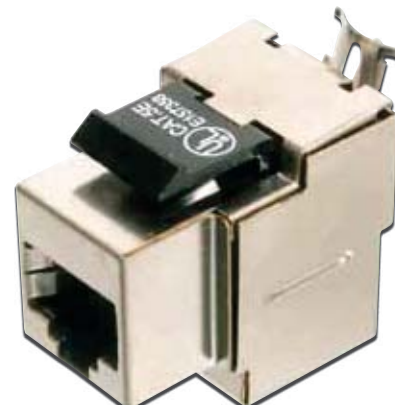


245100 / DN-93601

CAT 6 Keystone module, unshielded

DIGITUS® CAT 5e, Keystone Module, Shielded

- Tested for Link Performance CAT 5e
- Cable installation via LSA stripes, color-coded as per EIA/TIA 568 A & B
- RJ45 jack, female, for patch panel installation
- Suitable for the following patch panels: DN-91400, DN-91401



245094 / DN-93511

CAT 5e Keystone module, shielded

DIGITUS® CAT 5e, Keystone Module, Unshielded

- Tested for Link Performance CAT 5e
- Cable installation via LSA stripes, color-coded as per EIA/TIA 568 A & B
- RJ45 jack, female, for patch panel installation



245087 / DN-93501
CAT 5e Keystone module, unshielded

DIGITUS® CAT 5e, Keystone Module, Unshielded

- CAT 5e Keystone Jack, unshielded
- Tool free cable installation via LSA stripes, color coded according to EIA/TIA 568 A & B
- RJ45 jack, female, for patch panel installation



276005 / DN-93502
CAT 5e Keystone module, unshielded

Modular RJ45 Connector for Field Assembly, Shielded

The RJ55 plug is optimised for the field use, including demanding applications. Can be assembled in 60 seconds without any special tools. Ideal for repair and expansion of networks.

The A-MFP6A 8-8 TG is a modern and high class RJ45 plug, characterized not only by the simple application, but standing the field assembler every time reliably and quickly at his side. The rapid assembly in only 60 seconds without special tools, as well as the high flexibility, makes him to the perfect choice at any locations. It is suitable for all networks of Voice up to 10 Gigabit Ethernet. Satisfied customers, because of fast and cost-saving installation, repairs and maintenance, are the logical consequence of this innovative RJ45 plug. Why should it be complicated if it can be done the easy way? See for yourself!

- Performance characteristics:
- Preassembled protection cap
- Robust zinc diecast housing
- 360° shielding
- Insertion force: $\leq 30\text{N}$
- Temperature range: $-40^{\circ}\text{C} \dots +70^{\circ}\text{C}$
- PoE+ acc to IEEE 802.3



302599 / A-MFP6A 8-8 TG
RJ45 connector for field assembly, shielded

DIGITUS® CAT 6_A, Class E_A, Modular Coupler, Shielded

Corresponds with requirements channel performance
Class E_A ISO/IEC 11801 for up to 500MHz

- Suitable for panel connection
- 2x RJ45 female
- Assignment 1:1
- Material enclosure: brass sheet - shining nickel plated
- Material PCB: FR4, 1.2 mm thickness
- Material contacts: phosphor bronze
- Contacts coating: nickel, gold plated 0.6µ
- Mating cycles: ≥ 750
- Operating temperature: -10°C ~ +50°C



291831 / DN-93906

CAT 6_A Class E_A, modular coupler, shielded

DIGITUS® CAT 6, Class E, Modular Coupler, Shielded

- Suitable for panel connection
- 2 x RJ45 female
- Assignment 1:1
- Material enclosure: ABS non halogen, UL 94V-0
- Material surface: copper with shining Nickel
- Material PCB: FR4, 1.2 mm thickness
- Contacts coating: nickel, gold plated 0.6µ
- Mating cycles: ≥ 750
- Operating temperature: -10°C ~ +50°C

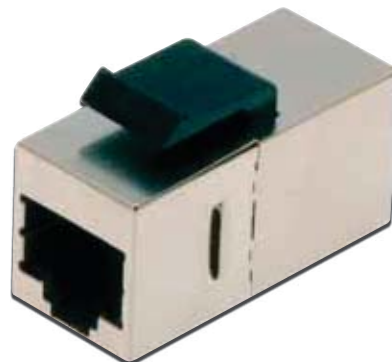


266846 / DN-93613-1

CAT 6 Class E, modular coupler, shielded

DIGITUS® CAT 5e, Class D, Modular Coupler, Shielded

- Suitable for panel connection
- 2 x RJ45 female
- Assignment 1:1
- Material enclosure: ABS non halogen, UL 94V-0
- Material surface: copper with shining nickel
- Material PCB: FR4, 1.2 mm thickness
- Contacts coating: nickel, gold plated 0.6µ
- Mating cycles: ≥ 750
- Operating temperature: -10°C ~ +50°C



245179 / DN-93513

CAT 5e Class D, modular coupler, shielded

ASSMANN



SYSTEM WARRANTY

Backed by a 25-year, worry-free system warranty

Wiring infrastructure is a long-term and strategic investment for every company. With our system warranty, we ensure that the installation will provide a secure foundation for IT over a long period of time. This is why the 25-year warranty agreement is appealing to facility owners and operators.

As a supplier of all passive building wiring components, we control and monitor the performance and reliability of our

products and have their performance certified by independent testing institutes. All of our partner companies' employees are specially trained to ensure proper installation.

What does the 25-year warranty mean?

ASSMANN has stood for quality and reliability in plug connectors and cables for more than 45 years. Our knowledge of customers' requirements and our quality standards enable us to guarantee an extended product warranty from 5 to 15 years for our components.

Our years of experience in quality assurance and regular recognition by certification institutes allow us to offer the 25-year passive wiring component system warranty for the permanent link as well. Our products' performance is proven by independent testing facilities.

We guarantee that for 25 years the wiring (permanent link) will meet the same standards that were defined at the time of installation.

Our system warranty is a point-to-point warranty and ensures that the wiring system will continue to meet standards. This includes the entire wiring system with the installation cable and connection technology.

This pertains to compliance with the technical transmission characteristics of the current standard requirements pursuant to DIN EN 50 173-1 and ISO/IEC 11 801 for channel or permanent link in compliance with design DIN IEC 60 603-7-51 Ed.1-500 MHz, shielded. Should there be a requirement that does not conform to technical transmission characteristics pursuant to standards that were current and applicable at the time of the installation, then we will cover the cost of exchanging and, if necessary, repairing the installation materials in question. We will gladly assist you and your customers with more information regarding the ASSMANN system warranty.

Simply get in touch with us!

DIGITUS® Modular Patch Panel, 24-Port, Shielded

- Patch panel for keystone modules
- Material housing: SPCC, 1.5 mm cold rolled carbon steel acc. JIS G3141-1996
- Shielded
- With ground wire
- Suitable for 483 mm (19") rackmount
- 1U



280781 / DN-91410

Modular patch panel, 24-port, light grey RAL 7035

280798 / DN-91411

Modular patch panel, 24-port, black RAL 9005

DIGITUS® Modular Patch Panel, 24-Port (Angled) Staggared, Shielded

- Patch panel for keystone modules
- Material housing: SPCC, 1.0 mm cold rolled carbon steel acc. JIS G3141-1996
- Shielded
- With ground wire
- Suitable for 483 mm (19") rackmount
- 1U



324041 / DN-91412S-ANP

Modular patch panel, 24-port, (angled) staggared, black RAL 9005

339489 / DN-91413S-ANP

Modular patch panel, 24-port, (angled) staggared, light grey RAL 7035

DIGITUS® Modular Patch Panel, Unshielded

- Patch panel for keystone modules
- Material housing: SPCC, 1.5 mm cold rolled carbon steel acc. JIS G3141-1996
- Unshielded
- Suitable for 483 mm (19") rackmount
- 1U



280767 / DN-91401

Modular patch panel, 24-port, black RAL 9005

280750 / DN-91400

Modular patch panel, 16-port, black RAL 9005

DIGITUS® Modular High Density Patch Panel, 24-Port, Shielded

The DIGITUS® 24-port 0.5U modular patch panel delivers a high density offering with the benefit of a single row of keystone modules. The single row of jacks means that the installation is straight forward and allows an individual jack to be removed if required. As the panel is only 0.5U in height it allows 48 keystone modules in 1U of rack space, by using 2 panels one upon the other. Using two 0.5U panels ensures that the modules are all aligned the correct way up. Most 48-port 1U panels require the bottom row of jacks to be mounted upside down.

- Patch panel for keystone modules
- compatible with DN-93604, DN-93615 & DN-93616
- Material housing: SPCC, 1.0 mm cold rolled carbon steel acc. JIS G3141-1996
- Transparent label fields
- Shielded
- Suitable for 483 mm (19") rackmount
- 0.5U



343288 / DN-91421

Modular high density patch panel, 24-port, light grey RAL 7035

343295 / DN-91422

Modular high density patch panel, 24-port, black RAL 9005

DIGITUS® Modular High Density Patch Panel, 48-Port, Shielded

The DIGITUS® 48-port 1U modular patch panel ensures a high density with the benefit of 48 keystone modules in just one height unit.

- Patch panel for keystone modules
- compatible with DN-93604, DN-93615 & DN-93616
- Material housing: SPCC, 1.0 mm cold rolled carbon steel acc. JIS G3141-1996
- Transparent label fields
- Shielded
- Suitable for 483 mm (19") rackmount
- 1U



343301 / DN-91423

Modular high density patch panel, 48-port, light grey RAL 7035

343295 / DN-91424

Modular high density patch panel, 48-port, black RAL 9005

DIGITUS® Modular Patch Panel, 24-Port Staggared, Shielded

Staggered array of keystone modules for a better damping ratio between surrounding transmission channels.

- Patch panel for keystone modules
- Compatible with DN-93616, DN-93615, DN-93614, DN-93612, DN-93604, DN-93603, DN-93602, DN-93601, DN-93511, DN-93502, DN-93501
- Material housing: SPCC, 1.0 mm cold rolled carbon steel acc. JIS G3141-1996
- Shielded
- Suitable for 483 mm (19") rackmount
- 1U



295105 / DN-91412

Modular patch panel, 24-port, staggared, black RAL 9005

303947 / DN-91402

Modular patch panel, 24-port, staggared, light grey RAL 7035

DIGITUS® Faceplate for Keystone Modules, Middle Plate 50 x 50 mm, Frame 80 x 80 mm

- For connection of keystone modules
- Connection way of the module are 45° vertical
- 1 port inclusive module shutter device, avoid dust
- Name plate desing for identification
- 80 x 80 mm frame + 50 x 50 mm central plate
- Dust protection shutter included
- Shining structured surface parts
- Full shielded metal housing, usable as central grounding position
- Color pure white
- Compatible with keystone modules: DN-93612, DN-93614, DN-93615 & DN-93616



German Type



305743 / DN-93811

1-port Faceplate for keystone modules incl. shutter, 80 x 80 mm

306160 / DN-93801-1

2-port Faceplate for keystone modules incl. shutter, 80 x 80 mm

305750 / DN-93821

3-port Faceplate for keystone modules incl. shutter, 80 x 80 mm, not compatible with DN-93612

DIGITUS® Faceplate for Keystone Modules, Frame 80 x 80 mm

- For connection of keystone modules
- 2 port inclusive module shutter device, avoid dust
- Connection way of the module is 90° horizontal
- 80 x 80 mm frame + 2 x 22.5mm modular insert
- Shining structured surface parts
- Color pure white
- Compatible with keystone modules: DN-93612, DN-93614, DN-93615 & DN-93616



French Type



259350 / DN-93802

2-port Faceplate for keystone modules incl. shutter, 80 x 80 mm

DIGITUS® Faceplate for Keystone Modules, Frame 86 x 86 mm

- For connection of keystone modules
- Connection way of the module are 45° vertical
- 2 port inclusive module shutter device, avoid dust
- Name plate desing for identification
- 86 x 86 mm frame + 2 x 22.50 mm modular insert
- Dust protection shutter included
- Shining structured surface parts
- Full shielded metal housing, usable as central grounding position
- Color pure white
- Compatible with keystone modules: DN-93612, DN-93614, DN-93615 & DN-93616



British Type



259381 / DN-93805

2-port Faceplate for keystone modules incl. shutter, 86 x 86 mm

DIGITUS® Surface Mountbox for Keystone Faceplates 80 x 80 mm

Surface mount frame for additional keystone module faceplate.

- Compatible with DIGITUS® Network outlets, keystone faceplates 80 x 80 mm
- Shining structured surface parts
- Color pure white



German Type



259367 / DN-93803

Surface mount box for faceplates 80 x 80 mm

DIGITUS® Surface Mountbox for Keystone Faceplates 80 x 80 mm

Compatible with DIGITUS® keystone faceplates 80 x 80 mm

- Compatible with DIGITUS® keystone faceplates 80 x 80 mm
- French type
- Color pure white



French Type



309987 / DN-93804

Surface mount box for faceplates 80 x 80 mm

DIGITUS® Surface Mountbox for Keystone Faceplates 86 x 86 mm

Compatible with DIGITUS® keystone faceplates 86 x 86 mm

- Compatible with DIGITUS® keystone faceplates 86 x 86 mm
- Shining structured surface parts
- Color pure white



British Type



259374 / DN-93806

Surface mount box for faceplates 86 x 86 mm

DIGITUS® Consolidation-Point Box for DIGITUS® Keystone Modules

The box is a part of the DIGITUS® modular connection system and is used for installation of consolidation points at desks, in intermediate ceilings or in underfloor systems. The housing is suitable for DIGITUS® keystone modules.

- Capacity DIGITUS® keystone modules; when feeding the cables from the back max 6 modules; when feeding the cable from the bottom or the sides max 12 modules
- Suitable for all DIGITUS® keystone modules
- Lower housing shell with an opening for cable entry and mounting holes for wall mounting
- Consisting of 1x housing shell top, 1x housing shell bottom, 2x adapter plates with 6 keystone openings, 1x adapter plate for cable entry
- Color pure white
- Material ABS
- Dimensions: 170 x 40 x 120 mm (WxHxD)
- Weight ca. 170 g
- Temperature range -10 to +50°C



DN-93705



180135 / AT-AG 302A-WH

Consolidation-point box for 2x keystone modules

259411 / DN-93705

Consolidation-point box for 6x keystone modules

DIN-Rail Adapter for Keystone Modules

Frame set for keystone modules

- Compatible with keystone modules: DN-93612, DN-93614, DN-93615 and DN-93616



305859 / AN-25184

DIN-Rail adapter for 1x keystone module

306344 / AN-25185

DIN-Rail adapter for 2x keystone modules

Frame set for Keystone Modules

Frame set for keystone modules

- Frame set, 2-level and 3-level for keystone modules



302261 / AN-25178

Frame set, 2-level for 6 x keystone modules

302780 / AN-25179

Frame set, 3-level for 9 x keystone modules

Frame set for Adapter Sheets

Frame set for 2 respectively 3 adapter sheet for installation in Ackermann floor tanks. Modular construction for mixing twisted pair and FO angled construction for an one level cable management. With enough room for labelling and inscription.

- Frame set, 2-level and 3-level
- For adapter sheets



302797 / AN-25173-1
2-level frame set for 2x adapter sheets

302803 / AN-25173-2
3-level frame set for 3x adapter sheets

Frame Set for 3 x RJ45 Modules

Frame set for 2 respectively 3 adapter sheet for installation in Ackermann floor tanks. Modular construction for mixing twisted pair and FO angled construction for an one level cable management. With enough room for labelling and inscription.

- Frame set for 3 x RJ45 Modules



302810 / AN-25173-3
Frame set for 3x RJ45 Modules

Frame Set

Frame set for 2 respectively 3 adapter sheet for installation in Ackermann floor tanks. Modular construction for mixing twisted pair and FO angled construction for an one level cable management. With enough room for labelling and inscription.

- Frame set SC Simplex
- Frame set SC Duplex

SC Duplex - AN-25173-4



SC Simplex - AN-25173-5



302827 / AN-25173-4
Frame set for 3x SC Duplex

302834 / AN-25173-5
Frame set for 3x SC Simplex or LC Duplex

DIGITUS® CAT 7 Connection Module for Twisted Pair Cables

The DIGITUS® Junction Box CAT7 serves as tool for connecting of shielded or unshielded data cables. For easy and fast installation the cable connector uses the established LSA technique with 45° tilt of the contacts.

- Quick and easy mounting via LSA tool
- Compact metallized plastic housing
- 360° shielding connector separated from the cable relief
- 45° tilt tinned LSA termination clamp for minimized cross section minimizing of the wire and maximum contact via torsion and reset forces
- Suitable for absorption of wires AWG22-24
- Possibility of new switching e.g. because mistakes in configuration
- Housing material: ABS, UL 94V-0
- Material LSA contacts: CuSn, tinned
- Material LSA contact housing: PC, UL 94V-0
- Material cable connector: PA, UL 94V-2
- Permitted wire diameter, massive: AWG24 to AWG22
- Permitted wire diameter, lace: AWG24/7 to AWG22/7
- Permitted diameter of isolation: 0.8 to 1.6 mm
- Dielectric strength: > 1000 V
- Suitable for PoE+ conform to IEEE 802.3at
- Operating temperature: -40 to +70 °C



343677 / DN-93907

CAT 7 Connection module for twisted pair cables

DIGITUS® CAT 6 Connection Module for Twisted Pair Cables

The DIGITUS® connection module is for the purpose of connecting or extension of Twisted Pair Cables.

- Material enclosure: zinc diecast
- Material surface: bronze with shining nickel
- Connection over LSA strips
- Integrated strain relief
- Shielded
- LSA EIA/TIA 568 A & B
- Cable entry: up to 6.8 mm
- Diameter Cu-conductor: AWG (26/1-22/1)
- Temperature range: -40°C +80°C
- Current carrying capacity: 1A @ 50°C
- Material IDC Terminal: phosphor bronze with 50µ tin plated over 60µ nickel plated
- Material PCB: FR4, 1.2 mm thickness
- Workable with 110- and KRONE LSA punch down tools



132837 / AT-ALSA6-M

Cat 6 Connection module for twisted pair cables

DIGITUS® CAT 5e Connection Module for Twisted Pair Cables

The DIGITUS® connection module is for the purpose of connecting or extension of Twisted Pair Cables.

- Material enclosure: ABS non halogen, UL 94V-0
- Connection over LSA strips
- Integrated strain relief
- Shielded
- LSA EIA/TIA 568 A & B
- Cable entry: up to 6.8 mm
- Diameter Cu-Conductor: AWG (26/1-22/1)
- Temperature range: -40°C +80°C
- Current carrying capacity: 1A @ 50°C
- Material IDC Terminal: Phosphor bronze with 50µ tin plated over 60µ nickel plated
- Material PCB: FR4, 1.2 mm thickness
- Workable with 110- and KRONE LSA punch down tools



266495 / DN-93902

CAT 5e Connection module for twisted pair cables

CAT 6 Modular Plug for Round Cable



These modular plug can be used to establish quick and simple connections.

- RJ45 8P8C
- UL certified
- Insertion force: $\leq 30\text{N}$
- Mating cycles: ≥ 750
- Material contacts: phosphor bronze
- Contacts coating: nickel, gold plated 0.8μ
- Material connector body: polycarbonat, clear
- Material shielding housing: brass 0.5 mm, nickel plated 2μ
- Diameter Cu-conductor: AWG(27/7-24/7)
- Diameter outer jacket: 5.5 - 6.2 mm
- Temperature range: $-40^{\circ}\text{C} \sim +70^{\circ}\text{C}$
- Current carrying capacity: 1A @ 50°C



316817 / AK-219603

Modular plug for round cable, RJ45, 8P8C, shielded

316787 / AK-219602

Modular plug for round cable, RJ45, 8P8C, unshielded

Modular Plug for Flat Cable



These modular plug can be used to establish quick and simple connections. Easy assembly by modular crimping tool DN-94004.

- Unshielded
- Mating cycles: ≥ 750
- Insertion force: $\leq 20\text{N}$
- Material contacts: phosphor bronze
- Contacts coating: nickel, gold plated 0.6μ
- Material connector body: polycarbonat, clear
- Diameter Cu-conductor: AWG (27/7-24/7)
- Temperature range: $-40^{\circ}\text{C} \sim +80^{\circ}\text{C}$
- Diameter outer jacket: 2.0 - 3.5 mm
- Current carrying capacity: 1.5A @ 50°C
- Flammability Rating: UL 94V-2



065111 / A-MO 6/4 SF

Modular plug for flat cable, RJ11, 6P4C, unshielded

065135 / A-MO 6/6 SF

Modular plug for flat cable, RJ12, 6P6C, unshielded

065159 / A-MO 8/8 SF

Modular plug for flat cable, RJ45, 8P8C, unshielded

Hirose Modular Plug for Round Cable



Hirose RJ45 modular plug TM31CAT 6, yellow color, inclusive Comb. Supports 10 Gigabit Ethernet.

- Fully shielded with strain relief and kink protection boot (black)
- Mating cycles: ≥ 750
- Insertion force: $\leq 30\text{N}$
- Material contacts: phosphor bronze
- Contacts coating: nickel, gold plated 0.8μ
- Material connector body: polycarbonat, clear
- Material shielding housing: brass 0.5 mm, nickel plated 2μ
- Diameter Cu-conductor: AWG (27/7-24/7)
- Diameter outer jacket: 5.5 - 6.2 mm
- Temperature range in operation: $-20^{\circ}\text{C} \sim +60^{\circ}\text{C}$
- Current carrying capacity: 1A @ 50°C
- Flammability rating: UL 94V-2



272144 / A-MO6A 8/8 HRS

CAT 6_A Modular plug, TM31, incl comb and boot

132943 / A-MO6 8/8 HRS

CAT 6 Modular plug, TM 21, incl comb and boot

065142 / A-MO 8/8 HRS

CAT 5e Modular plug, TM11, incl comb and boot

Kink Protection Sleeve for RJ45 Plugs



- For 8P8C RJ45 modular plugs
- Suitable for shielded and non-shielded modular plugs
- With latch protection
- Operating temperature: $-40^{\circ}\text{C} \sim +70^{\circ}\text{C}$



065197 / A-MOT 8/8

Kink Protection sleeve, RJ45, black

065203 / A-MOT/B 8/8

Kink Protection sleeve, RJ45, blue

065210 / A-MOT/E 8/8

Kink Protection sleeve, RJ45, grey

065234 / A-MOT/R 8/8

Kink Protection sleeve, RJ45, red

065227 / A-MOT/G 8/8

Kink Protection sleeve, RJ45, green

065241 / A-MOT/Y 8/8

Kink Protection sleeve, RJ45, yellow

CAT 5e Modular Plug for Round Cable



These modular plug can be used to establish quick and simple connections. Easy assembly by modular crimping tool DN-94004.

- RJ45 8P8C
- Shielded
- CAT 5e
- Mating cycles: ≥ 750
- Material contacts: phosphor bronze
- Contacts coating: nickel, gold plated 0.8μ
- Material connector body: polycarbonat, clear
- Material shielding housing: brass 0.5 mm, nickel plated 2μ
- Diameter Cu-conductor: AWG (27/7-24/7)
- Diameter outer jacket: 5.5 - 6.2 mm
- Temperature range: $-40^{\circ}\text{C} \sim +70^{\circ}\text{C}$
- Current carrying capacity: 1A @ 50°C



065180 / A-MO 8/8 SRS

CAT 5e Modular plug for round cable, RJ45 8P8C, shielded

Modular Plug for Round Cable



These modular plugs can be used to establish quick and simple connections. Easy assembly by modular crimping tool DN-94004.

- Mating cycles: ≥ 750
- Insertion force: $\leq 20\text{N}$
- Material contacts: phosphor bronze
- Contacts coating: nickel, gold plated 0.6μ
- Material connector body: polycarbonat, clear
- Diameter Cu-conductor: AWG (27/7-24/7)
- Temperature range: $-40^{\circ}\text{C} \sim +80^{\circ}\text{C}$
- Diameter outer jacket: 3.2 - 5.5 mm
- Current carrying capacity: 1.5A @ 50°C
- Flammability Rating: UL 94V-2



057956 / A-MO 6/4 SR

Modular plug for round cable, RJ11, 6P4C, unshielded

065173 / A-MO 8/8 SR

Modular plug for round cable, RJ45, 8P8C, unshielded

065180 / A-MO 8/8 SRS

Modular plug for round cable, RJ45 8P8C, shielded

Modular Coupler, Unshielded

- 2x RJ female
- RJ12 6P6C, unshielded
- Assignment 1:1
- Plastic housing
- Material PCB: FR4, 1.2 mm thickness
- Contacts coating: nickel, gold plated 0.6µ
- Mating cycles: ≥ 750
- Operating temperature: -40°C ~ +80°C



066552 / AT-A 6/6

Modular coupler, RJ12, 6P6C, unshielded, white

309536 / AT-A 6/6-BL

Modular coupler, RJ12, 6P6C, unshielded, black

066569 / AT-A 8/8

Modular coupler, RJ45, 8P8C, unshielded, white

DIGITUS® CAT 5e Modular Coupler, Shielded

- Cat 5e modular coupler, 3x RJ45 female, shielded
- 8P8C
- Assignment: CAT 5e, 1:1 assigned
- Material enclosure: ABS non halogen, UL 94V-0
- Material surface: copper with shining nickel
- Material PCB: FR4, 1.2 mm thickness
- Material contacts: phosphor bronze
- Contacts coating: nickel, gold plated 0.6µ
- Mating cycles: ≥ 750
- Operating temperature: -40°C ~ +80°C



066576 / AT-AG 2X8/8

Cat 5e modular coupler, 3x RJ45 female, shielded

DIGITUS® CAT 5e Patch Cable Adapter, Shielded

- 2x RJ45 female to 1x RJ45 male
- Length 0.19 m
- Material enclosure: ABS non halogen, UL 94V-0
- Material surface: copper with shining nickel
- Material PCB: FR4, 1.2 mm thickness
- Material IDC Terminal: phosphor bronze with 50µ tin plated over 60µ nickel plated
- Mating cycles: ≥ 750
- Operating temperature: -40°C ~ +80°C



066590 / AT-AG CX2

Cat 5e patch cable adapter, 2x RJ45 female, connection 1:1

267164 / DN-93904

Cat 5e patch cable adapter, 2x RJ45 female, connection 1-1, 2-2, 3-3, 4-1, 5-2, 6-6, 7-3, 8-6

DIGITUS® CAT 6 Modular Coupler, Shielded

- 2x RJ45 female
- Shielded version
- Material enclosure: ABS non halogen, UL 94V-0
- Material PCB: FR4, 1.2 mm thickness
- Contacts coating: nickel, gold plated 0.6µ
- Material contacts: phosphor bronze
- Mating cycles: ≥ 750
- Operating temperature: -40°C ~ +80°C



229032 / AT-AG 8/8 C6S

CAT 6 modular coupler, shielded

DIGITUS® CAT 6 Modular Coupler, Shielded

- Crossover
- 2x RJ45 female
- Shielded version
- Material enclosure: ABS non halogen, UL 94V-0
- Material PCB: FR4, 1.2 mm thickness
- Contacts coating: nickel, gold plated 0.6µ
- Material contacts: phosphor bronze
- Mating cycles: ≥ 750
- Operating temperature: -40°C ~ +80°C



132813 / AT-AG6 8/8CROSS

Cat 6 modular coupler, RJ45, 8P8C, shielded, crossover

RJ45 Adapter for Protection Against Tensile Strain

- Plug & jack: IEC 60603-7-51 compliant
- Life: ≥ 750 mating cycles
- Connection diagram 1:1; pin assignment T568B
- Protected release latch by means of moulded RJ45 boot
- Contact finish material: Ni1.2 Au0.8
- Shielding housing material of jack: Die-cast nickel-plated zinc
- Temperature range: -40°C ~ 70°C
- High power over Ethernet plus (PoE+) acc. to IEEE 802.3at
- Housing cover material: ABS blue
- Cable: S-FTP 4x2xAWG27/7 CAT 7 LSZH



349280 / A-CP-LINK

RJ45 adapter for protection against tensile strain

DIGITUS® CAT 5e Modular Coupler, Shielded

- 2x RJ45 female
- Assignment 1:1
- Shielded version
- Material enclosure: ABS non halogen, UL 94V-0
- Material PCB: FR4, 1.2 mm thickness
- Contacts coating: nickel, gold plated 0.6µ
- Material contacts: phosphor bronze
- Mating cycles: ≥ 750
- Operating temperature: -40°C ~ +80°C



266488 / DN-93901

CAT 5e modular coupler, RJ45, 8P8C, shielded

DIGITUS® Crossover Adapter

- To connect two computers with a patch cord
- Suitable for RJ45 1:1 patch cords



349327 / DN-93908

Crossover adapter for RJ45

DIGITUS® CAT 6A S-FTP Patch Cable

- LSOH, AWG 26/7
- ISO/IEC 11801 & TIA/EIA 568-B
- Operation temperatures: -20 to +60 °C
- Flame test standard: IEC 60332-1, IEC 60332-3, IEC 61034
- Shielded

Length	Grey	Red	Yellow	Green	Blue	Black
0.25 m	DK-1644-A-0025 326021	DK-1644-A-0025/R 327172	DK-1644-A-0025/Y 327202	DK-1644-A-0025/G 327158	DK-1644-A-0025/B 326892	DK-1644-A-0025/BL 327127
0.5 m	DK-1644-A-005 327233	DK-1644-A-005/R 327295	DK-1644-A-005/Y 327301	DK-1644-A-005/G 327288	DK-1644-A-005/B 327264	DK-1644-A-005/BL 327271
1.0 m	DK-1644-A-010 327318	DK-1644-A-010/R 327356	DK-1644-A-010/Y 327363	DK-1644-A-010/G 327349	DK-1644-A-010/B 327325	DK-1644-A-010/BL 327332
2.0 m	DK-1644-A-020 327370	DK-1644-A-020/R 327400	DK-1644-A-020/Y 327417	DK-1644-A-020/G 327134	DK-1644-A-020/B 327387	DK-1644-A-020/BL 327394
3.0 m	DK-1644-A-030 327424	DK-1644-A-030/R 327462	DK-1644-A-030/Y 327479	DK-1644-A-030/G 327455	DK-1644-A-030/B 327431	DK-1644-A-030/BL 327448
5.0 m	DK-1644-A-050 327486	DK-1644-A-050/R 327523	DK-1644-A-050/Y 327530	DK-1644-A-050/G 327516	DK-1644-A-050/B 327509	DK-1644-A-050/BL 327493
7.0 m	DK-1644-A-070 327547	DK-1644-A-070/R 327585	DK-1644-A-070/Y 327592	DK-1644-A-070/G 327578	DK-1644-A-070/B 327554	DK-1644-A-070/BL 327561
10.0 m	DK-1644-A-100 327615	DK-1644-A-100/R 327653	DK-1644-A-100/Y 327660	DK-1644-A-100/G 327646	DK-1644-A-100/B 327622	DK-1644-A-100/BL 327639
15.0 m	DK-1644-A-150 327677					
20.0 m	DK-1644-A-200 327738					
25.0 m	DK-1644-A-250 327790					
30.0 m	DK-1644-A-300 327851					



DIGITUS® CAT 6 S-FTP Patch Cable

- LSOH, AWG 27/7
- ISO/IEC 11801 & TIA/EIA 568-B
- Operation temperatures: -20 to +60 °C
- Flame test standard: IEC 60332-1, IEC 60332-3, IEC 61034
- Shielded



Length	Grey	Red	Yellow	Green	Blue	Black	Magenta	Brown	Orange	Violet
0.25 m	DK-1644-0025 321477	DK-1644-0025/R 321514	DK-1644-0025/Y 321538	DK-1644-0025/G 321507	DK-1644-0025/B 321484	DK-1644-0025/BL 321491	DK-1644-0025/MG 328681	DK-1644-0025/BR 328674	DK-1644-0025/OR 328698	DK-1644-0025/VI 328704
0.5 m	DK-1644-005 321545	DK-1644-005/R 321590	DK-1644-005/Y 321613	DK-1644-005/G 321583	DK-1644-005/B 321569	DK-1644-005/BL 321576	DK-1644-005/MG 328728	DK-1644-005/BR 328711	DK-1644-005/OR 328735	DK-1644-005/VI 328742
1.0 m	DK-1644-010 321620	DK-1644-010/R 321668	DK-1644-010/Y 321699	DK-1644-010/G 321651	DK-1644-010/B 321637	DK-1644-010/BL 321644	DK-1644-010/MG 328766	DK-1644-010/BR 328759	DK-1644-010/OR 328773	DK-1644-010/VI 328398
1.5 m	DK-1644-015 327929									
2.0 m	DK-1644-020 321712	DK-1644-020/R 321781	DK-1644-020/Y 321828	DK-1644-020/G 321767	DK-1644-020/B 321729	DK-1644-020/BL 321743	DK-1644-020/MG 328797	DK-1644-020/BR 328780	DK-1644-020/OR 328803	DK-1644-020/VI 328810
3.0 m	DK-1644-030 321842	DK-1644-030/R 321910	DK-1644-030/Y 321941	DK-1644-030/G 321897	DK-1644-030/B 321866	DK-1644-030/BL 321880	DK-1644-030/MG 328834	DK-1644-030/BR 328827	DK-1644-030/OR 328841	DK-1644-030/VI 328858
5.0 m	DK-1644-050 321996	DK-1644-050/R 322030	DK-1644-050/Y 322054	DK-1644-050/G 322023	DK-1644-050/B 322016	DK-1644-050/BL 322009	DK-1644-050/MG 328872	DK-1644-050/BR 328865	DK-1644-050/OR 328889	DK-1644-050/VI 328896
7.0 m	DK-1644-070 322061	DK-1644-070/R 322115	DK-1644-070/Y 322146	DK-1644-070/G 322108	DK-1644-070/B 322078	DK-1644-070/BL 322085				
10.0 m	DK-1644-100 322160	DK-1644-100/R 322245	DK-1644-100/Y 322276	DK-1644-100/G 322221	DK-1644-100/B 322191	DK-1644-100/BL 322214				
15.0 m	DK-1644-150 322290									
20.0 m	DK-1644-200 327943									
25.0 m	DK-1644-250 328025									
30.0 m	DK-1644-300 328087									

DIGITUS® CAT 6 U-UTP Patch Cable

- PVC, AWG 26/7
- ISO/IEC 11801 & TIA/EIA 568-B
- Operation temperatures: -20 to +60 °C
- Unshielded

Length	Grey	Red	Yellow	Green	Blue	Black	White	Brown	Magenta	Orange	Violet
0.25 m	DK-1614-0025 321682	DK-1614-0025/R 321774	DK-1614-0025/Y 321811	DK-1614-0025/G 321750	DK-1614-0025/B 321705	DK-1614-0025/BL 321736	DK-1614-0025/WH 321798	DK-1614-0025/BR 328926	DK-1614-0025/MG 328933	DK-1614-0025/OR 328940	DK-1614-0025/VI 328957
0.5 m	DK-1614-005 315766	DK-1614-005/R 315797	DK-1614-005/Y 315803	DK-1614-005/G 315780	DK-1614-005/B 315773	DK-1614-005/BL 321835	DK-1614-005/WH 321859	DK-1614-005/BR 328964	DK-1614-005/MG 328971	DK-1614-005/OR 329176	DK-1614-005/VI 329176
1.0 m	DK-1614-010 315810	DK-1614-010/R 315841	DK-1614-010/Y 315858	DK-1614-010/G 315834	DK-1614-010/B 315827	DK-1614-010/BL 321873	DK-1614-010/WH 321903	DK-1614-010/BR 328964	DK-1614-010/MG 328971	DK-1614-010/OR 329176	DK-1614-010/VI 328988
1.5 m	DK-1614-015 327110										
2.0 m	DK-1614-020 315865	DK-1614-020/R 213833	DK-1614-020/Y 315902	DK-1614-020/G 315889	DK-1614-020/B 315872	DK-1614-020/BL 321927	DK-1614-020/WH 321958	DK-1614-020/BR 329022	DK-1614-020/MG 329039	DK-1614-020/OR 329046	DK-1614-020/VI 329053
3.0 m	DK-1614-030 315919	DK-1614-030/R 315940	DK-1614-030/Y 315957	DK-1614-030/G 315933	DK-1614-030/B 315926	DK-1614-030/BL 321972	DK-1614-030/WH 321965	DK-1614-030/BR 329060	DK-1614-030/MG 329077	DK-1614-030/OR 329084	DK-1614-030/VI 329091
5.0 m	DK-1614-050 213109	DK-1614-050/R 213932	DK-1614-050/Y 316015	DK-1614-050/G 315995	DK-1614-050/B 315971	DK-1614-050/BL 321989	DK-1614-050/WH 322092	DK-1614-050/BR 329107	DK-1614-050/MG 329114	DK-1614-050/OR 329121	DK-1614-050/VI 329138
7.0 m	DK-1614-070 316022	DK-1614-070/R 316053	DK-1614-070/Y 199960	DK-1614-070/G 316046	DK-1614-070/B 316039	DK-1614-070/BL 322122	DK-1614-070/WH 322153				
10.0 m	DK-1614-100 316077	DK-1614-100/R 316107	DK-1614-100/Y 315988	DK-1614-100/G 316091	DK-1614-100/B 316084	DK-1614-100/BL 322177	DK-1614-100/WH 322184				
15.0 m	DK-1614-150 316114										
20.0 m	DK-1614-200 316169										
25.0 m	DK-1614-250 316893										
30.0 m	DK-1614-300 327165										



DIGITUS® CAT 5e SF-UTP Patch Cable

- PVC, AWG 26/7
- ISO/IEC 11801 & TIA/EIA 568-B
- Operation temperatures: -20 to +60 °C
- Shielded



Length	Grey	Red	Yellow	Green	Blue	Black
0.25 m	DK-1532-0025 320890	DK-1532-0025/R 320944	DK-1532-0025/Y 321026	DK-1532-0025/G 328308	DK-1532-0025/B 320906	DK-1532-0025/BL 320913
0.5 m	DK-1532-005 198703	DK-1532-005/R 199625	DK-1532-005/Y 199632	DK-1532-005/G 213727	DK-1532-005/B 199618	DK-1532-005/BL 321057
1.0 m	DK-1532-010 199656	DK-1532-010/R 199816	DK-1532-010/Y 199922	DK-1532-010/G 200000	DK-1532-010/B 199731	DK-1532-010/BL 321163
2.0 m	DK-1532-020 199663	DK-1532-020/R 199823	DK-1532-020/Y 199939	DK-1532-020/G 200024	DK-1532-020/B 199748	DK-1532-020/BL 321323
3.0 m	DK-1532-030 199670	DK-1532-030/R 199830	DK-1532-030/Y 199946	DK-1532-030/G 200048	DK-1532-030/B 199755	DK-1532-030/BL 321408
5.0 m	DK-1532-050 199687	DK-1532-050/R 199847	DK-1532-050/Y 199953	DK-1532-050/G 200055	DK-1532-050/B 199762	DK-1532-050/BL 321552
7.0 m	DK-1532-070 199694	DK-1532-070/R 199854	DK-1532-070/Y 213994	DK-1532-070/G 200062	DK-1532-070/B 199779	DK-1532-070/BL 320937
10.0 m	DK-1532-100 199700	DK-1532-100/R 199861	DK-1532-100/Y 200017	DK-1532-100/G 200079	DK-1532-100/B 199786	DK-1532-100/BL 321002
15.0 m	DK-1532-150 199717					
20.0 m	DK-1532-200 199724					
25.0 m	DK-1532-250 321187					
30.0 m	DK-1532-300 321378					

DIGITUS® CAT 5e F-UTP Patch Cable

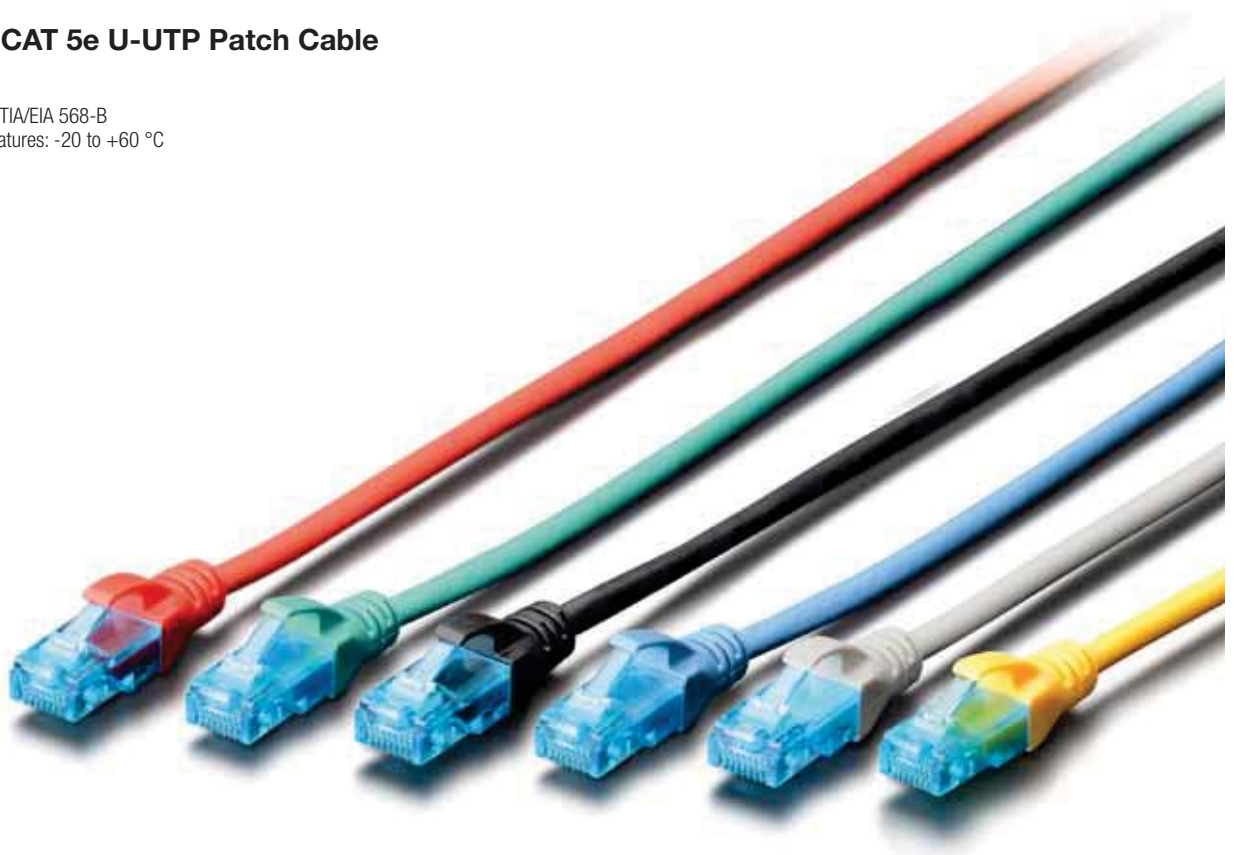
- PVC, AWG 26/7
- ISO/IEC 11801 & TIA/EIA 568-B
- Operation temperatures: -20 to +60 °C
- Shielded

Length	Grey	Red	Yellow	Green	Blue	Black
0.25 m	DK-1522-0025 19900	DK-1522-0025/R 319948	DK-1522-0025/Y 319962	DK-1522-0025/G 319931	DK-1522-0025/B 319917	DK-1522-0025/BL 319924
0.5 m	DK-1522-005 198697	DK-1522-005/R 199267	DK-1522-005/Y 199281	DK-1522-005/G 199274	DK-1522-005/B 199250	DK-1522-005/BL 319979
1.0 m	DK-1522-010 199175	DK-1522-010/R 199373	DK-1522-010/Y 199458	DK-1522-010/G 199533	DK-1522-010/B 199298	DK-1522-010/BL 320791
2.0 m	DK-1522-020 199182	DK-1522-020/R 199380	DK-1522-020/Y 199465	DK-1522-020/G 199540	DK-1522-020/B 199304	DK-1522-020/BL 320814
3.0 m	DK-1522-030 199199	DK-1522-030/R 199397	DK-1522-030/Y 199472	DK-1522-030/G 199557	DK-1522-030/B 199311	DK-1522-030/BL 320838
5.0 m	DK-1522-050 199205	DK-1522-050/R 199403	DK-1522-050/Y 199489	DK-1522-050/G 199564	DK-1522-050/B 199328	DK-1522-050/BL 320852
7.0 m	DK-1522-070 199212	DK-1522-070/R 199410	DK-1522-070/Y 199496	DK-1522-070/G 199571	DK-1522-070/B 199335	DK-1522-070/BL 320883
10.0 m	DK-1522-100 199229	DK-1522-100/R 199427	DK-1522-100/Y 199502	DK-1522-100/G 199588	DK-1522-100/B 199342	DK-1522-100/BL 320968
15.0 m	DK-1522-150 199236					
20.0 m	DK-1522-200 199243					
25.0 m	DK-1522-250 321088					
30.0 m	DK-1522-300 321224					



DIGITUS® CAT 5e U-UTP Patch Cable

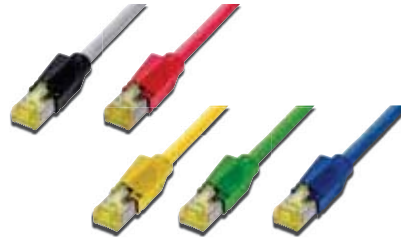
- PVC, AWG 26/7
- ISO/IEC 11801 & TIA/EIA 568-B
- Operation temperatures: -20 to +60 °C
- Unshielded



Length	Grey	Red	Yellow	Green	Blue	Black	White
0.25 m	DK-1512-0025 317340	DK-1512-0025/R 317517	DK-1512-0025/Y 317531	DK-1512-0025/G 317494	DK-1512-0025/B 317487	DK-1512-0025/BL 317500	DK-1512-0025/WH 317524
0.5 m	DK-1512-005 198673	DK-1512-005/R 198901	DK-1512-005/Y 198918	DK-1512-005/G 198925	DK-1512-005/B 198680	DK-1512-005/BL 320722	DK-1512-005/WH 317562
1.0 m	DK-1512-010 198710	DK-1512-010/R 198932	DK-1512-010/Y 199014	DK-1512-010/G 199090	DK-1512-010/B 198819	DK-1512-010/BL 317838	DK-1512-010/WH 317852
2.0 m	DK-1512-020 198734	DK-1512-020/R 198949	DK-1512-020/Y 199021	DK-1512-020/G 199106	DK-1512-020/B 198826	DK-1512-020/BL 318026	DK-1512-020/WH 318033
3.0 m	DK-1512-030 198741	DK-1512-030/R 198956	DK-1512-030/Y 199038	DK-1512-030/G 199113	DK-1512-030/B 198833	DK-1512-030/BL 318125	DK-1512-030/WH 318132
5.0 m	DK-1512-050 198758	DK-1512-050/R 198963	DK-1512-050/Y 199045	DK-1512-050/G 199120	DK-1512-050/B 198840	DK-1512-050/BL 320739	DK-1512-050/WH 318262
7.0 m	DK-1512-070 198765	DK-1512-070/R 198970	DK-1512-070/Y 199052	DK-1512-070/G 199137	DK-1512-070/B 213369	DK-1512-070/BL 318378	DK-1512-070/WH 318392
15.0 m	DK-1512-150 198789						
20.0 m	DK-1512-200 198796						
25.0 m	DK-1512-250 318583						
30.0 m	DK-1512-300 318651						

CAT 6_A, Class E_A, S-FTP PimF Patch Cable

- 2 x RJ45 shielded connectors
- With latch protection
- Boots with kink protections and strain reliefs
- Cable DRAKA UC 900 SS Cat7 S-FTP PimF
- UL-listed
- Hirose connector
- Qualified for 1 Gbit Ethernet



Length	Grey	Red	Yellow	Green	Blue
0.5 m	DK-1643-A-005 296249	DK-1643-A-005/R 296270	DK-1643-A-005/Y 296287	DK-1643-A-005/G 296263	DK-1643-A-005/B 296256
1.0 m	DK-1643-A-010 296294	DK-1643-A-010/R 296324	DK-1643-A-010/Y 296331	DK-1643-A-010/G 296317	DK-1643-A-010/B 296300
2.0 m	DK-1643-A-020 296348	DK-1643-A-020/R 296379	DK-1643-A-020/Y 296386	DK-1643-A-020/G 296362	DK-1643-A-020/B 296355
3.0 m	DK-1643-A-030 296393	DK-1643-A-030/R 296430	DK-1643-A-030/Y 296614	DK-1643-A-030/G 296416	DK-1643-A-030/B 296409
5.0 m	DK-1643-A-050 296621	DK-1643-A-050/R 296652	DK-1643-A-050/Y 297703	DK-1643-A-050/G 296645	DK-1643-A-050/B 296638
7.0 m	DK-1643-A-070 296676	DK-1643-A-070/R 296706	DK-1643-A-070/Y 296713	DK-1643-A-070/G 296690	DK-1643-A-070/B 296683
10.0 m	DK-1643-A-100 296720	DK-1643-A-100/R 296751	DK-1643-A-100/Y 296768	DK-1643-A-100/G 296744	DK-1643-A-100/B 296737
20.0 m	DK-1643-A-200 302155	DK-1643-A-200/R 308720	DK-1643-A-200/Y 308737	DK-1643-A-200/G 308744	DK-1643-A-200/B 308751

Premium CAT 5e, Class D, SF-UTP Patch Cable

- Foil and braid shielded CAT 5e patch cables
- 4 x 2 AWG 26/7, twisted pair, 100 Ohm
- 2 x RJ45 connectors
- Boot with kink protection and strain relief
- Spot length on boot
- Qualified for 1 Gbit Ethernet
- Ready for PoE



Length	Grey	Red	Yellow	Green	Blue	Black	White	Crossover
0.25 m	DK-1531-0025 288589	DK-1531-0025/R 288626	DK-1531-0025/Y 288633	DK-1531-0025/G 288619	DK-1531-0025/B 288596	DK-1531-0025/BL 288602	DK-1531-0025/WH 288640	
0.5 m	DK-1531-005 212249	DK-1531-005/R 213734	DK-1531-005/Y 213741	DK-1531-005/G 213727	DK-1531-005/B 213703	DK-1531-005/BL 213710		
1.0 m	DK-1531-010 213079	DK-1531-010/R 213789	DK-1531-010/Y 213796	DK-1531-010/G 213772	DK-1531-010/B 213758	DK-1531-010/BL 213765		DK-1531-010-C0 215905
2.0 m	DK-1531-020 213086	DK-1531-020/R 213833	DK-1531-020/Y 213840	DK-1531-020/G 213819	DK-1531-020/B 213802	DK-1531-020/BL 213826		DK-1531-020-C0 215837
3.0 m	DK-1531-030 213093	DK-1531-030/R 213888	DK-1531-030/Y 213895	DK-1531-030/G 213864	DK-1531-030/B 213857	DK-1531-030/BL 213871		DK-1531-030-C0 215844
5.0 m	DK-1531-050 213109	DK-1531-050/R 213932	DK-1531-050/Y 213949	DK-1531-050/G 213925	DK-1531-050/B 213901	DK-1531-050/BL 213918		DK-1531-050-C0 215851
7.0 m	DK-1531-070 213116	DK-1531-070/R 213987	DK-1531-070/Y 213994	DK-1531-070/G 213970	DK-1531-070/B 213956			
10.0 m	DK-1531-100 213123	DK-1531-100/R 214038	DK-1531-100/Y 214045	DK-1531-100/G 214021	DK-1531-100/B 214007	DK-1531-100/BL 214014		DK-1531-100-C0 215868
15.0 m	DK-1531-150 213130	DK-1531-150/R 214083	DK-1531-150/Y 214090	DK-1531-150/G 214076	DK-1531-150/B 214052	DK-1531-150/BL 214069		
20.0 m	DK-1531-200 213147	DK-1531-200/R 214137	DK-1531-200/Y 214144	DK-1531-200/G 214120	DK-1531-200/B 214106	DK-1531-200/BL 214113		
30.0 m	DK-1531-300 213154	DK-1531-300/R 214175	DK-1531-300/Y 214182	DK-1531-300/G 214168	DK-1531-300/B 214151	DK-1531-300/BL 214199		



Patch Cable // CAT 5e F-UTP/CAT 5e U-UTP

Premium CAT 5e, Class D, F-UTP Patch Cable

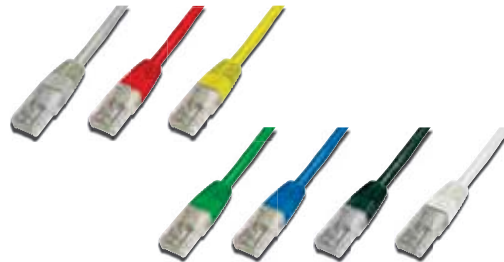
- Foil shielded CAT 5e patch cables
- 4 x 2 AWG 26/7, twisted pair, 100 Ohm
- 2 x RJ45 shielded connectors
- Boot with kink protection and strain relief
- Spot length on boot
- Qualified for 1 Gbit Ethernet
- Ready for PoE



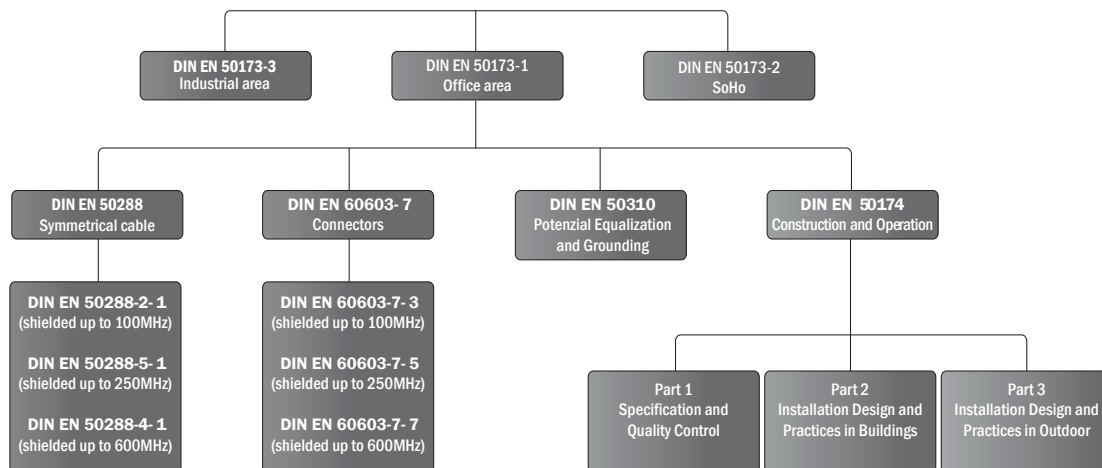
Length	Grey	Red	Yellow	Green	Blue	Black	White	Crossover
0.25 m	DK-1521-0025 288510	DK-1521-0025/R 288558	DK-1521-0025/Y 288565	DK-1521-0025/G 288541	DK-1521-0025/B 288527	DK-1521-0025/BL 288534	DK-1521-0025/WH 288572	
0.5 m	DK-1521-005 212232	DK-1521-005/R 213192	DK-1521-005/Y 213208	DK-1521-005/G 213185	DK-1521-005/B 213161	DK-1521-005/BL 213178		
1.0 m	DK-1521-010 212966	DK-1521-010/R 213246	DK-1521-010/Y 213253	DK-1521-010/G 213239	DK-1521-010/B 213215	DK-1521-010/BL 213222		DK-1521-010-CO 215745
2.0 m	DK-1521-020 212973	DK-1521-020/R 213291	DK-1521-020/Y 213307	DK-1521-020/G 213284	DK-1521-020/B 213260	DK-1521-020/BL 213277		DK-1521-020-CO 215752
3.0 m	DK-1521-030 212980	DK-1521-030/R 213345	DK-1521-030/Y 213352	DK-1521-030/G 213338	DK-1521-030/B 213314	DK-1521-030/BL 213321		DK-1521-030-CO 215769
5.0 m	DK-1521-050 212997	DK-1521-050/R 213390	DK-1521-050/Y 213406	DK-1521-050/G 213383	DK-1521-050/B 213369	DK-1521-050/BL 213376		DK-1521-050-CO 215776
7.0 m	DK-1521-070 213000							
10.0 m	DK-1521-100 213017	DK-1521-100/R 213499	DK-1521-100/Y 213505	DK-1521-100/G 213482	DK-1521-100/B 213468	DK-1521-100/BL 213475		DK-1521-100-CO 215783
15.0 m	DK-1521-150 213024							
20.0 m	DK-1521-200 213031							
30.0 m	DK-1521-300 213048							
50.0 m	DK-1521-500 213055							

Premium CAT 5e, Class D, U-UTP Patch Cable

- Unshielded CAT 5e patch cables
- 4 x 2 AWG 26/7, twisted pair, 100 Ohm
- 2 x RJ45 connectors
- Boot with kink protection and strain relief
- Spot length on boot
- Connection 1 : 1
- Qualified for 1Gbit Ethernet
- Ready for PoE



Length	Grey	Red	Yellow	Green	Blue	Black	White
0.25 m	DK-1511-0025 288435	DK-1511-0025/R 288480	DK-1511-0025/Y 288497	DK-1511-0025/G 288473	DK-1511-0025/B 288442	DK-1511-0025/BL 288466	DK-1511-0025/WH 288503
0.5 m	DK-1511-005 212119	DK-1511-005/R 212287	DK-1511-005/Y 212300	DK-1511-005/G 212270	DK-1511-005/B 212126	DK-1511-005/BLACK 212263	DK-1511-005/WH 212294
1.0 m	DK-1511-010 212102	DK-1511-010/R 212348	DK-1511-010/Y 212362	DK-1511-010/G 212324	DK-1511-010/B 212317	DK-1511-010/BLACK 212331	DK-1511-010/WH 212355
1.5 m	DK-1511-015 212133	DK-1511-015/R 212409	DK-1511-015/Y 212423	DK-1511-015/G 212393	DK-1511-015/B 212379	DK-1511-015/BLACK 212386	DK-1511-015/WH 212416
2.0 m	DK-1511-020 212140	DK-1511-020/R 212454	DK-1511-020/Y 212461	DK-1511-020/G 212447	DK-1511-020/B 212430	DK-1511-020/BLACK 212485	DK-1511-020/WH 212478
3.0 m	DK-1511-030 212157	DK-1511-030/R 212522	DK-1511-030/Y 212546	DK-1511-030/G 212515	DK-1511-030/B 212492	DK-1511-030/BLACK 212508	DK-1511-030/WH 212539
5.0 m	DK-1511-050 212164	DK-1511-050/R 212584	DK-1511-050/Y 212607	DK-1511-050/G 212577	DK-1511-050/B 212553	DK-1511-050/BLACK 212560	DK-1511-050/WH 212591
7.0 m	DK-1511-070 212171	DK-1511-070/R 212645	DK-1511-070/Y 212669	DK-1511-070/G 212621	DK-1511-070/B 212614	DK-1511-070/BLACK 212638	DK-1511-070/WH 212652
10.0 m	DK-1511-100 212188	DK-1511-100/R 212706	DK-1511-100/Y 212720	DK-1511-100/G 212690	DK-1511-100/B 212676	DK-1511-100/BLACK 212683	DK-1511-100/WH 212713
15.0 m	DK-1511-150 212195	DK-1511-150/R 212768	DK-1511-150/Y 212775		DK-1511-150/B 212737	DK-1511-150/BLACK 212744	DK-1511-150/WH 212782
20.0 m	DK-1511-200 212201	DK-1511-200/R 212829	DK-1511-200/Y 212843		DK-1511-200/B 212799	DK-1511-200/BLACK 212805	DK-1511-200/WH 212836
25.0 m	DK-1511-250 212218						
30.0 m	DK-1511-300 212225	DK-1511-300/R 212928	DK-1511-300/Y 212935	DK-1511-300/G 212911	DK-1511-300/B 212904	DK-1511-300/BLACK 212959	DK-1511-300/WH 212942



Cabling standards

Various standards have been set down in international committees to be independent from manufacturer and system. These divide into various areas. The international range of validity is set down in ISI/IEC 11801 and in the national German standard of DIN EN 50173.

The standard series of EN 50173 is divided into five areas for various applications and covers „application-neutral communication cabling for information technology“.

- EN 50173-1 General requirements
- EN 50173-2 Office buildings
- EN 50173-3 Industrially used buildings
- EN 50173-4 Private residential units
- EN 50173-5 Computing centres

There is also a difference in the individual components such as cables and connection technology and also in the installation of these components.

The individual components are classified into the following categories:

- Category 5 up to 100 MHz
- Category 6 up to 250 MHz
- Category 6_A up to 500 MHz
- Category 7 up to 600 MHz
- Category 7_A up to 1000 MHz

A distinction is drawn between installed components according to transmission classes

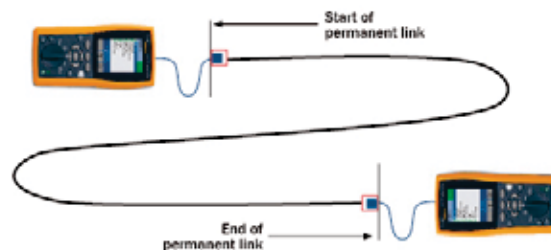
- Class D up to 100 MHz
- Class E up to 250 MHz
- Class E_A up to 500 MHz
- Class F up to 600 MHz
- Class F_A up to 1000 MHz

Certification and checking of the limiting values for the measurement technology of the installed transmission routes.

A distinction is drawn between two models for the transmission routes for the cabling.

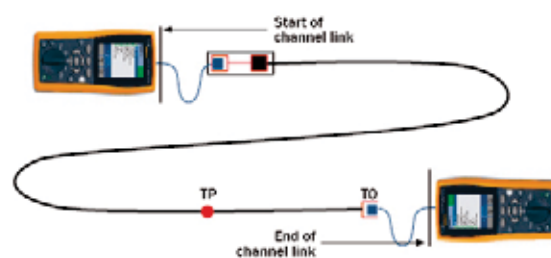
• Permanent Link

which covers the laid installation cable and also the patch panel permanently connected to the end of the cable and the junction box.



• Channel Link

Where the patch cable also used in the patch panel and the junction box can also be measured together with the components of the Permanent Link.



Defined electrical limiting values give a clear picture of the quality of the installed system.

- Line length
- With return flow attenuation
- Max. attenuation
- Min. near end cross talk attenuation NEXT
- Min. OSNEXT
- Min. ACR
- Min. PSACR
- Min. ELFEXT
- Min. PSELFEXT
- Max. DC loop resistance
- Max. run time
- Max. run time difference

- ▶ The return flow attenuation is the measure for outstanding reflection of the transmission signal which is created by sudden increases in impedance in the cable run (Return Loss).
- ▶ The attenuation shows the lost part of the signal over the cable run (Attenuation).
- ▶ The near end cross talk attenuation is used as a measure of cross talk at the near end of the cable run. Each pair of strands will be measured at the other pairs respectively (Near end crosstalk NEXT).
- ▶ The far end cross talk attenuation is measured as the same way as NEXT (Far end crosstalk FEXT).
- ▶ ACR measures the ratio between cross talk and attenuation. (Attenuation to crosstalk ratio $ACR = NEXT - \text{attenuation}$).
- ▶ Equal Level FEXT is the extent of crosstalk at the far end where the pair attenuation is deducted from this (ELFEXT).
- ▶ Run time of the signal over the transmission distance (Propagation delay).
- ▶ Run time differences arise with simultaneous transmission of a signal to various pairs (delay skew).
- ▶ Power Sum is the total of the faults which are coupled in from the remaining pairs to the fourth pair (PS).

- ▶ PSNEXT = Power Sum NEXT
- ▶ PSACR = Power Sum ACR
- ▶ PSELFEXT = Power Sum ELFEXT

Structure of the cabling system in accordance with EN 50173 Cabling takes place on different levels, not only storeys/floors are cabled but also different floors are cabled with each other and buildings are also cabled over outside surfaces. There different areas are defined for these applications.

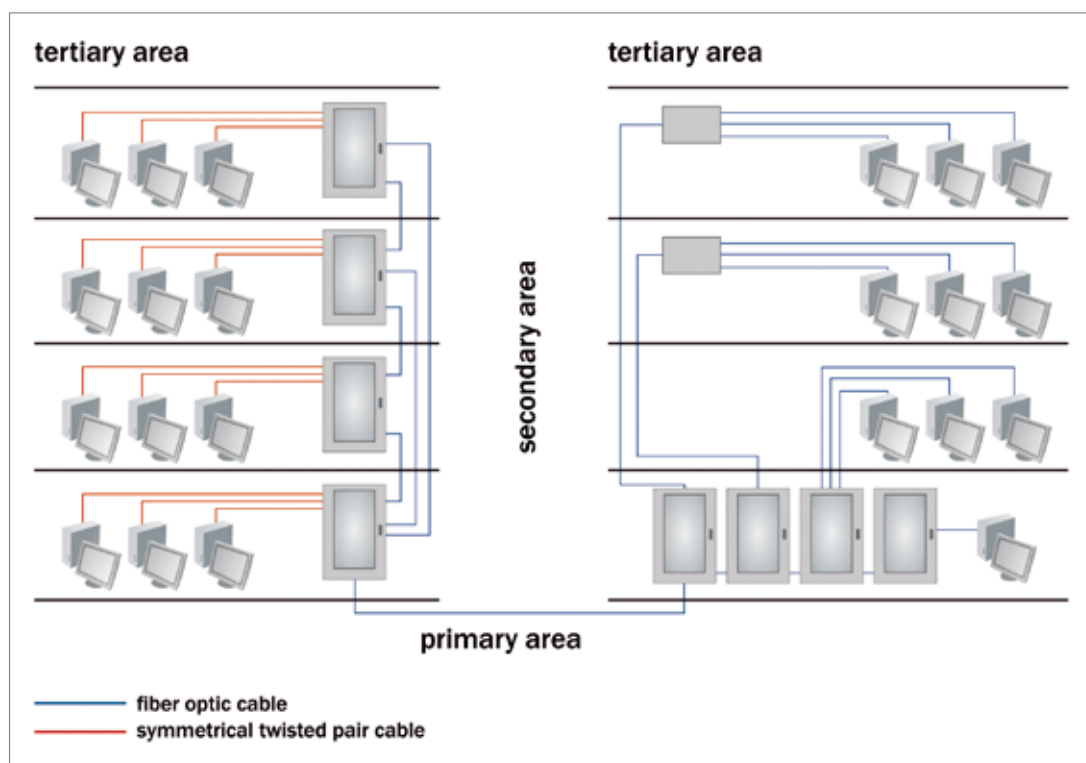
- Primary cabling outside site areas, campus backbone
- Secondary cabling building area, building backbone
- Tertiary cabling cabling in floors, horizontal cabling

Basic standard specifications have been laid down in these cabling areas, as far as the execution of the entire cabling system is concerned.

At least one sub-distribution panel is planned for an office space of 1000 m². Such a sub distribution panel can also serve several floors in smaller buildings. The jacks should be distributed over the entire useable area where there have to be at least 2 connections for each workplace. One of the connections should be at least made with symmetric copper cable, the other one can be connected by using LWL cable.

The following minimum and maximum requirements are imposed on the lengths of cable for cabling in floors. The distance between the user end device and the distribution components, including all the patch cable used must not exceed 100 m.

Cabling areas



The length of the fixed cable between the jack and the patch panel is set at a maximum of 90 m here.

The maximum distance in the Permanent Link can also be shorter, since a consolidation point integrated into the cabling runs also has effects on the technical transmission values of the laid cable. Patch cables between jack and end device should not exceed a maximum length of 20 m. The length of patch cable used in the patch field at the floor sub-distribution cable has a maximum length of 5 m. Consolidation points which are used should be placed at least 15 m from the floor sub-distribution panel since plug-in connections used in the immediate vicinity can exert influences on various transmission parameters. The types of cable used in cabling on floors consist of 100 Ohm 4 paired twisted pair cables and 50/125 μ multi-mode glass fiber cables.

The maximum cable length of the transmission run should be 2000 m for the site and building cabling of the secondary area. The previously mentioned cable types are also preferred here. The often larger distances between buildings also offer an area of use for 07/15 μ mono-mode glass fiber cable.

Connection technology for structured cabling

The cable which has been used for laying can be described with the following, different characteristics.

- Copper conductor consisting of solid copper for permanent installation between sub-distribution panels on floors and between distribution panels and jacks.
- Copper conductor as flexible conductor wire for use in the manufacture of patch cables.
- Details of the diameter and/or cross section in mm, mm² or AWG (American Wire Gauge). The larger the wire diameter, the smaller the attenuation.
This section shows the following examples:
AWG 24/1 = conductor consisting of solid wire with 0.511 mm conductor diameter
AWG 26/7 = conductor consists of 7 wires with 0.48 mm conductor diameter
- Strands are twisted into pairs and provided with a colour code in the conductor insulation. The color code is done according to EIA/TIA 568 / IEC 708-1 with the wiring:

Pair 1 = wire 1 in white / blue, wire 2 in blue
Pair 2 = wire 1 in white / orange, wire 2 in orange
Pair 3 = wire 1 in white / green, wire 2 in green
Pair 4 = wire 1 in white / brown, wire 2 in brown

- The screening is used to improve transmission safety. In accordance with the valid standard, it guarantees the limitation of electromagnetic disturbances and also the immunity of the network against disturbances.

U-UTP	completely unshielded, paired unshielded, twisted cable
F-UTP	completely foil shielded, paired unshielded, twisted cable
SF-UTP	cable completely shielded with foil and braid, paired unshielded, twisted cable
S-FTP	cable completely shielded with braid, paired foil shielded twisted cable

- External cladding consisting of PVC or a halogen-free, flame resistant compound.
Halogen-free = no corrosive, or clearly less toxic gases and very low quantities of smoke
Flame resistant = self extinguishing after removal of the heat source, very limited propagation of fire

FR	= flame retardant
LS	= low smoke
NC	= no corrosive fumes
OH, ZH	= no halogen

The requirements for the patch panels and jacks are defined in DIN EN 50173-1. These products are divided into various classes in accordance with the performance class. Optimisation of the products allows panels and jacks to satisfy the requirements when a gigabit Ethernet is being operated. These have been set down in the standards DIN EN 50173-1:2000 with both types, category 3 up to 16 MHz and Category 5e up to 100 MHz and also in DIN EN 50173:2002 with the types, Category 5e up to 100 MHz, Category 6 up to 250 MHz and Category 7 up to 600 MHz. The designation, Category 5e which is generally used on the market corresponds to Category 5e in accordance with DIN EN 50173-1:2000.

All the Category 5e products certified according to standard can be used independently from their manufacturers in so-called „Mix & Match" systems. They are combined into a Class D connection in the installation which has been created.

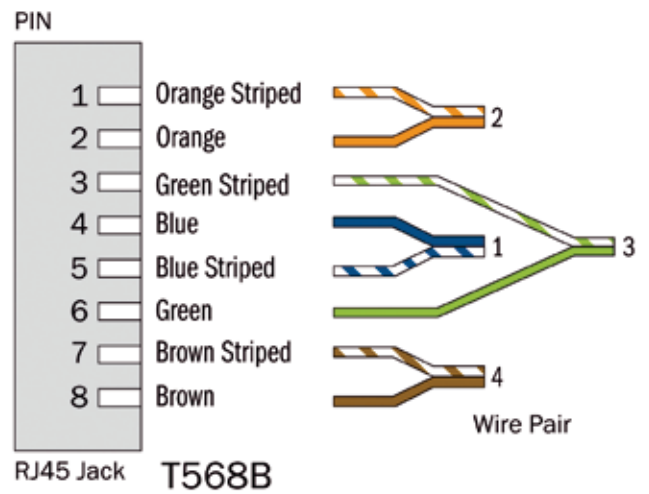
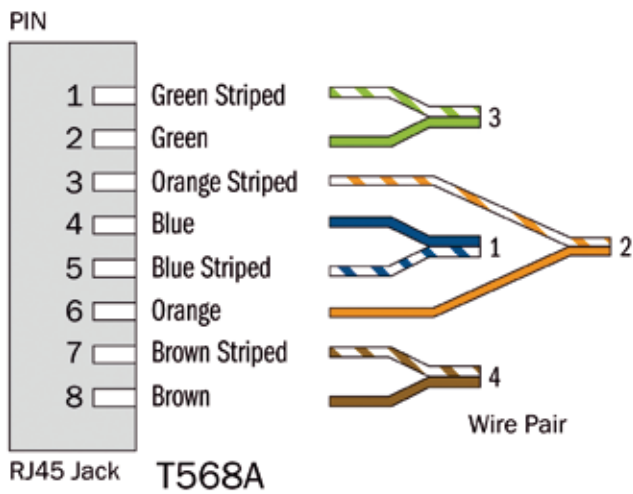
Class E products are characterized by the fact that each manufacturer has optimized his articles for his products with 250 MHz in order to satisfy the requirements of Class E.

All the products are clearly defined and only „work" with each other according to certification. This means that „Mix & Match" is not possible. These products also do not comply with category 6 in accordance with DIN EN 50173-1:2002.

Category 6 products according to the new standard are only products which have been tested according to „De-Embedded Testing". This makes sure that the advantages reached by technical and mechanical improvements are used. Each Category 6 jack with a RJ45 plug produces a category 6 connection according to standard.

Category 6_A and Class E_A, this cabling standard ISO/IEC for a further annex, known as Amendment 2 was added. The Annex defines new specifications for Category 6_A components and Class E_A Permanent Link. The new valid specifications require a revised generation connection technology, which is a far better performance than the products of Category 6A which are usually based only on the American TIA/EIA standard.

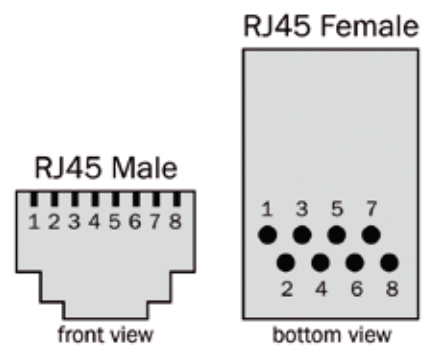
At a frequency of 500 MHz, an ISO/IEC Category 6_A connectors 3 dB more powerful than a Category 6A connectors which of TIA/EIA specification corresponds. In absolute numbers 3 dB thus mean better by 100% suppression of NEXT noise.



There is the option of using two configurations when cables are laid to patch panels and junction boxes and also when patch cables are being made. A distinction is made here according to colour code in accordance with EIA/TIA 568A or EIA/TIA 568B. The color code used for the configuration is not important for the respective application, but has to be carried continuously throughout the complete system. Care also has to be taken when processing the patch cable to make sure that the paired twisting remains the same with the exception of the last 13 mm and that the possible pair screening is lead up to the LSA terminal rail.

Different applications run on the pairs / pins in the respective combination.

- Ethernet 1-2, 3-6
- Fast Ethernet 1-2, 3-6
- Gigabit Ethernet 1-2, 3-6, 4-5, 7-8
- 10 Gigabit Ethernet 1-2, 3-6, 4-5, 7-8
- ISDN 4-5, 3-6
- Token Ring 4-5, 3-6
- FDDI 1-2, 7-8
- ATM 1-2, 7-8



	DN-91325-1	DN-91350-1	DN-91508S	DN-91508U	DN-91512S	DN-91512U
Standards						
Connector	IEC 60603-7-3/-7-2	IEC 60603-7-3/-7-2	IEC 60603-7-3/-7-2	IEC 60603-7-3/-7-2	IEC 60603-7-3/-7-2	IEC 60603-7-3/-7-2
Mechanical Properties						
Category	CAT 3	CAT 3	CAT 5	CAT 5	CAT 5	CAT 5
Height units	1U	1U	1U	1U	1U	1U
Material: housing	SPCC 1.5 mm powder coated	SPCC 1.5 mm powder coated	SPCC 1.2 mm powder coated	SPCC 1.5 mm powder coated	SPCC 1.2 mm powder coated	SPCC 1.5 mm powder coated
Color: top & bottom case	grey RAL 7035	grey RAL 7035	black RAL 9005	black RAL 9005	black RAL 9005	black RAL 9005
Material: contact spring	phosphor bronze	phosphor bronze	phosphor bronze	phosphor bronze	phosphor bronze	phosphor bronze
Material: contact finish	3 µm Au	3 µm Au	3 µm Au	3 µm Au	3 µm Au	3 µm Au
Material: IDC	phosphor bronze	phosphor bronze	phosphor bronze	phosphor bronze	phosphor bronze	phosphor bronze
Material: IDC finish	tin-plated	tin-plated	tin-plated	tin-plated	tin-plated	tin-plated
LSA Plus: conductor diameter	Stranded & solid wires, AWG26 - AWG22	Stranded & solid wires, AWG26 - AWG22	Stranded & solid wires, AWG26 - AWG22	Stranded & solid wires, AWG26 - AWG22	Stranded & solid wires, AWG26 - AWG22	Stranded & solid wires, AWG26 - AWG22
LSA Plus: insulation diameter	0.7 - 1.6 mm	0.7 - 1.6 mm	0.7 - 1.6 mm	0.7 - 1.6 mm	0.7 - 1.6 mm	0.7 - 1.6 mm
Color code	TIA/EIA 568 A&B	TIA/EIA 568 A&B	TIA/EIA 568 A&B	TIA/EIA 568 A&B	TIA/EIA 568 A&B	TIA/EIA 568 A&B
Connection: strain relief/cable shielding	double metal contact-clamp; tin-plated	double metal contact-clamp; tin-plated	double metal contact-clamp; tin-plated	double metal contact-clamp; tin-plated	double metal contact-clamp; tin-plated	double metal contact-clamp; tin-plated
Cable diameter	Max. 10 mm	Max. 10 mm	Max. 10 mm	Max. 10 mm	Max. 10 mm	Max. 10 mm
Performance						
Insertion force	≤ 30N	≤ 30N	≤ 30N	≤ 30N	≤ 30N	≤ 30N
Mating cycle	750	750	750	750	750	750
IDC punching time	Max. 200	Max. 200	Max. 200	Max. 200	Max. 200	Max. 200
Operating temperature	-10°C ~ +60°C	-10°C ~ +60°C	-10°C ~ +60°C	-10°C ~ +60°C	-10°C ~ +60°C	-10°C ~ +60°C
Electrical Properties						
Contact resistance	≤ 20 MΩ	≤ 20 MΩ	≤ 20 MΩ	≤ 20 MΩ	≤ 20 MΩ	≤ 20 MΩ
Insulation resistance	≥ 500 MΩ	≥ 500 MΩ	≥ 500 MΩ	≥ 500 MΩ	≥ 500 MΩ	≥ 500 MΩ
Voltage proof (contact - contact)	≥ 1000 V AC	≥ 1000 V AC	≥ 1000 V AC	≥ 1000 V AC	≥ 1000 V AC	≥ 1000 V AC
Voltage proof (contact - shield)	≥ 1500 V AC	≥ 1500 V AC	≥ 1500 V AC	≥ 1500 V AC	≥ 1500 V AC	≥ 1500 V AC
Ampacity	1A	1A	1A	1A	1A	1A
PoE+ conform IEEE 802.3at						
Transmission Properties						
CAT 6 _A						
Class E _A						
CAT 6						
Class E						
Channel Class E						
CAT 5e			ISO/IEC 11801:2002 AMD1&2 ANS/TIA/EIA 568B.2	ISO/IEC 11801:2002 AMD1&2 ANS/TIA/EIA 568B.2	ISO/IEC 11801:2002 AMD1&2 ANS/TIA/EIA 568B.2	ISO/IEC 11801:2002 AMD1&2 ANS/TIA/EIA 568B.2
CAT 3	EN 50713-1:2007	EN 50713-1:2007				
10 Gbit Ethernet conform IEEE802.3an						
Gbit Ethernet conform IEEE802.3						

	DN-91516S	DN-91524S	DN-91524U	DN-91548U	DN-91608S	DN-91608SD
Standards						
Connector	IEC 60603-7-3/-7-2	IEC 60603-7-3/-7-2	IEC 60603-7-3/-7-2	IEC 60603-7-3/-7-2	IEC 60603-7-5/7-4	IEC 60603-7-5/7-4
Mechanical Properties						
Category	CAT 5	CAT 5	CAT 5	CAT 5	CAT 6	CAT 6
Height units	1U	1U	1U	2U	1U	1U
Material: housing	SPCC 1.2 mm powder coated	SPCC 1.2 mm powder coated	SPCC 1.5 mm powder coated	SPCC 1.5 mm powder coated	SPCC 1.3 mm powder coated	SPCC 1.3 mm powder coated
Color: top & bottom case	grey RAL 7035	grey RAL 7035	black RAL 9005	black RAL 9005	black RAL 9005	black RAL 9005
Material: contact spring	phosphor bronze	phosphor bronze	phosphor bronze	phosphor bronze	phosphor bronze	phosphor bronze
Material: contact finish	3 µm Au	3 µm Au	3 µm Au	3 µm Au	3 µm Au	3 µm Au
Material: IDC	phosphor bronze	phosphor bronze	phosphor bronze	phosphor bronze	phosphor bronze	phosphor bronze
Material: IDC finish	tin-plated	tin-plated	tin-plated	tin-plated	tin-plated	tin-plated
LSA Plus: conductor diameter	Stranded & solid wires, AWG26 - AWG22	Stranded & solid wires, AWG26 - AWG22	Stranded & solid wires, AWG26 - AWG22	Stranded & solid wires, AWG26 - AWG22	Stranded & solid wires, AWG26 - AWG22	Stranded & solid wires, AWG26 - AWG22
LSA Plus: insulation diameter	0.7 - 1.6 mm	0.7 - 1.6 mm	0.7 - 1.6 mm	0.7 - 1.6 mm	0.7 - 1.6 mm	0.7 - 1.6 mm
Color code	TIA/EIA 568 A&B	TIA/EIA 568 A&B	TIA/EIA 568 A&B	TIA/EIA 568 A&B	TIA/EIA 568 A&B	TIA/EIA 568 A&B
Connection: strain relief/cable shielding	double metal contact-clamp; tin-plated	double metal contact-clamp; tin-plated	double metal contact-clamp; tin-plated	double metal contact-clamp; tin-plated	double metal contact-clamp; tin-plated	double metal contact-clamp; tin-plated
Cable diameter	Max. 10 mm	Max. 10 mm	Max. 10 mm	Max. 10 mm	Max. 10 mm	Max. 10 mm
Performance						
Insertion force	≤ 30N	≤ 30N	≤ 30N	≤ 30N	≤ 30N	≤ 30N
Mating cycle	750	750	750	750	750	750
IDC punching time	Max. 200	Max. 200	Max. 200	Max. 200	Max. 200	Max. 200
Operating temperature	-10°C ~ +60°C	-10°C ~ +60°C	-10°C ~ +60°C	-10°C ~ +60°C	-10°C ~ +60°C	-10°C ~ +60°C
Electrical Properties						
Contact resistance	≤ 20 MΩ	≤ 20 MΩ	≤ 20 MΩ	≤ 20 MΩ	≤ 20 MΩ	≤ 20 MΩ
Insulation resistance	≥ 500 MΩ	≥ 500 MΩ	≥ 500 MΩ	≥ 500 MΩ	≥ 500 MΩ	≥ 500 MΩ
Voltage proof (contact - contact)	≥ 1000 V AC	≥ 1000 V AC	≥ 1000 V AC	≥ 1000 V AC	≥ 1000 V AC	≥ 1000 V AC
Voltage proof (contact - shield)	≥ 1500 V AC	≥ 1500 V AC	≥ 1500 V AC	≥ 1500 V AC	≥ 1500 V AC	≥ 1500 V AC
Ampacity	1A	1A	1A	1A	1A	1A
PoE+ conform IEEE 802.3at						
Transmission Properties						
CAT 6 _A						
Class E _A						
CAT 6					ISO/IEC 11801:2002 AMD1&2 ANSI/TIA/EIA 568B.2-1	ISO/IEC 11801:2002 AMD1&2 ANSI/TIA/EIA 568B.2-1
Class E						
Channel Class E						
CAT 5e	ISO/IEC 11801:2002 AMD1&2 ANSI/TIA/EIA 568B.2	ISO/IEC 11801:2002 AMD1&2 ANSI/TIA/EIA 568B.2	ISO/IEC 11801:2002 AMD1&2 ANSI/TIA/EIA 568B.2	ISO/IEC 11801:2002 AMD1&2 ANSI/TIA/EIA 568B.2		
CAT 3						
10 Gbit Ethernet conform IEEE802.3an						
Gbit Ethernet conform IEEE802.3						

	DN-91612S	DN-91616S	DN-91616U	DN-91624S	DN-91624S-SL-SH	DN-91624S-SL-SH-G
Standards						
Connector	IEC 60603-7-5/7-4	IEC 60603-7-5/7-4	IEC 60603-7-5/7-4	IEC 60603-7-5/7-4	IEC 60603-7-5/7-4	IEC 60603-7-5/7-4
Mechanical Properties						
Category	CAT 6	CAT 6	CAT 6	CAT 6	CAT 6	CAT 6
Height units	1U	1U	1U	1U	0.5U	0.5U
Material: housing	SPCC 1.2 mm powder coated	SPCC 1.2 mm powder coated	SPCC 1.5 mm powder coated	SPCC 1.5 mm powder coated	SPCC 1.5 mm powder coated	SPCC 1.5 mm powder coated
Color: top & bottom case	black RAL 9005	grey RAL 7035	black RAL 9005	grey RAL 7035	black RAL 9005	grey RAL 7035
Material: contact spring	phosphor bronze	phosphor bronze	phosphor bronze	phosphor bronze	phosphor bronze	phosphor bronze
Material: contact finish	3 µm Au	3 µm Au	3 µm Au	3 µm Au	3 µm Au	3 µm Au
Material: IDC	phosphor bronze	phosphor bronze	phosphor bronze	phosphor bronze	phosphor bronze	phosphor bronze
Material: IDC finish	tin-plated	tin-plated	tin-plated	tin-plated	tin-plated	tin-plated
LSA Plus: conductor diameter	Stranded & solid wires, AWG26 - AWG22	Stranded & solid wires, AWG26 - AWG22	Stranded & solid wires, AWG26 - AWG22	Stranded & solid wires, AWG26 - AWG22	Stranded & solid wires, AWG26 - AWG22	Stranded & solid wires, AWG26 - AWG22
LSA Plus: insulation diameter	0.7 - 1.6 mm	0.7 - 1.6 mm	0.7 - 1.6 mm	0.7 - 1.6 mm	0.7 - 1.6 mm	0.7 - 1.6 mm
Color code	TIA/EIA 568 A&B	TIA/EIA 568 A&B	TIA/EIA 568 A&B	TIA/EIA 568 A&B	TIA/EIA 568 A&B	TIA/EIA 568 A&B
Connection: strain relief/cable shielding	double metal contact-clamp; tin-plated	double metal contact-clamp; tin-plated	double metal contact-clamp; tin-plated	double metal contact-clamp; tin-plated	double metal contact-clamp; tin-plated	double metal contact-clamp; tin-plated
Cable diameter	Max. 10 mm	Max. 10 mm	Max. 10 mm	Max. 10 mm	Max. 10 mm	Max. 10 mm
Performance						
Insertion force	≤ 30N	≤ 30N	≤ 30N	≤ 30N	≤ 30N	≤ 30N
Mating cycle	750	750	750	750	750	750
IDC punching time	Max. 200	Max. 200	Max. 200	Max. 200	Max. 200	Max. 200
Operating temperature	-10°C ~ +60°C	-10°C ~ +60°C	-10°C ~ +60°C	-10°C ~ +60°C	-10°C ~ +60°C	-10°C ~ +60°C
Electrical Properties						
Contact resistance	≤ 20 MΩ	≤ 20 MΩ	≤ 20 MΩ	≤ 20 MΩ	≤ 20 MΩ	≤ 20 MΩ
Insulation resistance	≥ 500 MΩ	≥ 500 MΩ	≥ 500 MΩ	≥ 500 MΩ	≥ 500 MΩ	≥ 500 MΩ
Voltage proof (contact - contact)	≥ 1000 V AC	≥ 1000 V AC	≥ 1000 V AC	≥ 1000 V AC	≥ 1000 V AC	≥ 1000 V AC
Voltage proof (contact - shield)	≥ 1500 V AC	≥ 1500 V AC	≥ 1500 V AC	≥ 1500 V AC	≥ 1500 V AC	≥ 1500 V AC
Ampacity	1A	1A	1A	1A	1A	1A
PoE+ conform IEEE 802.3at						
Transmission Properties						
CAT 6 _A						
Class E _A				ISO/IEC 11801:2002 AMD1&2 ANSI/TIA/EIA 568B.2-1		
CAT 6	ISO/IEC 11801:2002 AMD1&2 ANSI/TIA/EIA 568B.2-1	ISO/IEC 11801:2002 AMD1&2 ANSI/TIA/EIA 568B.2-1	ISO/IEC 11801:2002 AMD1&2 ANSI/TIA/EIA 568B.2-1		ISO/IEC 11801:2002 AMD1&2 ANSI/TIA/EIA 568B.2-1	ISO/IEC 11801:2002 AMD1&2 ANSI/TIA/EIA 568B.2-1
Class E						
Channel Class E						
CAT 5e						
CAT 3						
10 Gbit Ethernet conform IEEE802.3an						
Gbit Ethernet conform IEEE802.3						

	DN-91624U-SL-SH	DN-91624U	DN-91648U	DN-91612SD-EA	DN-91624S-SL-EA	DN-91624S-EA
Standards						
Connector	IEC 60603-7-5/7-4	IEC 60603-7-5/7-4	IEC 60603-7-5/7-4	IEC 60603-7-5	IEC 60603-7-5	IEC 60603-7-5
Mechanical Properties						
Category	CAT 6	CAT 6	CAT 6	CAT 6 _A	CAT 6 _A	CAT 6 _A
Height units	0.5U	1U	2U	1U	0.5U	1U
Material: housing	SPCC 1.5 mm powder coated	SPCC 1.5 mm powder coated	SPCC 1.5 mm powder coated	SPCC 1.5 mm powder coated	SPCC 1.5 mm powder coated	SPCC 1.5 mm powder coated
Color: top & bottom case	black RAL 9005	black RAL 9005	black RAL 9005	black RAL 9005	black RAL 9005	grey RAL 7035
Material: contact spring	phosphor bronze	phosphor bronze	phosphor bronze	phosphor bronze	phosphor bronze	phosphor bronze
Material: contact finish	3 µm Au	3 µm Au	3 µm Au	3 µm Au	3 µm Au	3 µm Au
Material: IDC	phosphor bronze	phosphor bronze	phosphor bronze	phosphor bronze	phosphor bronze	phosphor bronze
Material: IDC finish	tin-plated	tin-plated	tin-plated	tin-plated	tin-plated	tin-plated
LSA Plus: conductor diameter	Stranded & solid wires, AWG26 - AWG22	Stranded & solid wires, AWG26 - AWG22	Stranded & solid wires, AWG26 - AWG22	Stranded & solid wires, AWG26 - AWG22	Stranded & solid wires, AWG26 - AWG22	Stranded & solid wires, AWG26 - AWG22
LSA Plus: insulation diameter	0.7 - 1.6 mm	0.7 - 1.6 mm	0.7 - 1.6 mm	0.7 - 1.6 mm	0.7 - 1.6 mm	0.7 - 1.6 mm
Color code	TIA/EIA 568 A&B	TIA/EIA 568 A&B	TIA/EIA 568 A&B	TIA/EIA 568 A&B	TIA/EIA 568 A&B	TIA/EIA 568 A&B
Connection: strain relief/cable shielding	double metal contact-clamp; tin-plated	double metal contact-clamp; tin-plated	double metal contact-clamp; tin-plated	double metal contact-clamp; tin-plated	double metal contact-clamp; tin-plated	double metal contact-clamp; tin-plated
Cable diameter	Max. 10 mm	Max. 10 mm	Max. 10 mm	Max. 10 mm	Max. 10 mm	Max. 10 mm
Performance						
Insertion force	≤ 30N	≤ 30N	≤ 30N	≤ 30N	≤ 30N	≤ 30N
Mating cycle	750	750	750	750	750	750
IDC punching time	Max. 200	Max. 200	Max. 200	Max. 200	Max. 200	Max. 200
Operating temperature	-10°C ~ +60°C	-10°C ~ +60°C	-10°C ~ +60°C	-10°C ~ +60°C	-10°C ~ +60°C	-10°C ~ +60°C
Electrical Properties						
Contact resistance	≤ 20 MΩ	≤ 20 MΩ	≤ 20 MΩ	≤ 20 MΩ	≤ 20 MΩ	≤ 20 MΩ
Insulation resistance	≥ 500 MΩ	≥ 500 MΩ	≥ 500 MΩ	≥ 500 MΩ	≥ 500 MΩ	≥ 500 MΩ
Voltage proof (contact - contact)	≥ 1000 V AC	≥ 1000 V AC	≥ 1000 V AC	≥ 1000 V AC	≥ 1000 V AC	≥ 1000 V AC
Voltage proof (contact - shield)	≥ 1500 V AC	≥ 1500 V AC	≥ 1500 V AC	≥ 1500 V AC	≥ 1500 V AC	≥ 1500 V AC
Ampacity	1A	1A	1A	1A	1A	1A
PoE+ conform IEEE 802.3at				suitable	suitable	suitable
Transmission Properties						
CAT 6 _A				TIA/EIA Permanent Link	TIA/EIA Permanent Link	TIA/EIA Permanent Link
Class E _A				ISO/IEC 11801:2002 AMD1&2 ANSI/TIA/EIA 568B.2-1	ISO/IEC 11801:2002 AMD1&2 ANSI/TIA/EIA 568B.2-1	ISO/IEC 11801:2002 AMD1&2 ANSI/TIA/EIA 568B.2-1
CAT 6	ISO/IEC 11801:2002 AMD1&2 ANSI/TIA/EIA 568B.2-1	ISO/IEC 11801:2002 AMD1&2 ANSI/TIA/EIA 568B.2-1	ISO/IEC 11801:2002 AMD1&2 ANSI/TIA/EIA 568B.2-1			
Class E						
Channel Class E						
CAT 5e						
CAT 3						
10 Gbit Ethernet conform IEEE802.3an						
Gbit Ethernet conform IEEE802.3						

	DN-9001/B5-N	DN-9001-N	DN-9002/B5-N	DN-9002-N	DN-9005/B5-N	DN-9005-N	DN-9005-KL-N
Standards							
Connector	IEC 60603-7-3						
Mechanical Properties							
Material: housing outlet	zinc die-casting			zinc die-casting			
Material: faceplate/case	ABS UL94-HB			ABS UL 94-HB			
Material: contact spring	phosphor bronze			phosphor bronze			
Material: contact finish	3 mm 50 micro-inch gold plated			3 mm 50 micro-inch gold plated			
Material: RJ45 (shielded housing)	bronze with nickel plated			bronze with nickel plated			
Material: IDC	phosphor bronze			phosphor bronze			
Material: IDC finish	tin-plated			tin-plated			
LSA PLUS: cu-conductor diameter	Solid&stranded AWG 26-AWG 22			Solid&stranded AWG 26-AWG 22			
LSA PLUS: insulation diameter	0.7-1.6 mm	0.7-1.6 mm	0.7-1.6 mm	0.7-1.6 mm	0.7-1.6 mm	0.7-1.6 mm	0.7-1.6 mm
Color code	TIA/EIA 568 A&B			TIA/EIA 568 A&B			
Connection: strain relief/ cable shielding	metal cramp with tin plated	metal cramp with tin plated	metal cramp with tin plated	metal cramp with tin plated	metal cramp with tin plated	metal cramp with tin plated	metal cramp with tin plated
Cable diameter:	max. 10 mm	max. 10 mm	max. 10 mm	max. 10 mm	max. 10 mm	max. 10 mm	max. 10 mm
Performance							
Insertion force	30N max	30N max	30N max	30N max	30N max	30N max	30N max
Mating cycle	750			750			
IDC punching time	Max. 200			Max. 200			
Operating temperature	-40°C ~ +80°C			-40°C ~ +80°C			
Electrical Properties							
Contact resistance	<20 MΩ	<20 MΩ	<20 MΩ	<20 MΩ	<20 MΩ	<20 MΩ	<20 MΩ
Insulation resistance	>500 MΩ	>500 MΩ	>500 MΩ	>500 MΩ	>500 MΩ	>500 MΩ	>500 MΩ
Voltage proof (contact -contact)	1000 VDC	1000 VDC	1000 VDC	1000 VDC	1000 VDC	1000 VDC	1000 VDC
Voltage proof (contact -shield)	1500 VDC	1500 VDC	1500 VDC	1500 VDC	1500 VDC	1500 VDC	1500 VDC
Operation current	1A	1A	1A	1A	1A	1A	1A
PoE conform acc. to IEEE802.3at							
Transmission Properties							
CAT 6 _A							
Class E _A							
CAT 6					ISO/IEC 11801:2002 AMD1&2 ; EN50173-1:2007		
Class E							
Channel Class E							
CAT 5e	ISO/IEC 11801:2002 AMD1&2 ; EN50173-1:2007						
CAT 3							
10 Gbit Ethernet acc.to IEEE802.3an							
Gbit Ethernet acc.to. IEEE802.3							

	DN-9006/B5-N	DN-9006-N	DN-9007-1	DN-9007-S-1	DN-9008-1	DN-9008-S-1
Standards						
Connector	IEC 60603-7-5					
Mechanical Properties						
Material: housing outlet	zinc die-casting			zinc die-casting		
Material: faceplate/case	ABS UL 94-HB			ABS UL 94-HB		
Material: contact spring	phosphor bronze			phosphor bronze		
Material: contact finish	3 mm 50 micro-inch gold plated			3 mm 50 micro-inch gold plated		
Material: RJ45 (shielded housing)	bronze with nickel plated			bronze with nickel plated		
Material: IDC	phosphor bronze			phosphor bronze		
Material: IDC finish	tin-plated			tin-plated		
LSA PLUS: Cu-conductor diameter	Solid&stranded AWG 26-AWG 22			Solid&stranded AWG 26-AWG 22		
LSA PLUS: insulation diameter	0.7-1.6 mm	0.7-1.6 mm	0.7-1.6 mm		0.7-1.6 mm	
Color code	TIA/EIA 568 A&B			TIA/EIA 568 A&B		
Connection: strain relief/ cable shielding	metal cramp with tin plated	metal cramp with tin plated	metal cramp with tin plated		metal cramp with tin plated	
Cable diameter:	max. 10 mm	max. 10 mm	max. 10 mm		max. 10 mm	
Performance						
Insertion force	30N max	30N max	30N max		30N max	
Mating cycle	750			750		
IDC punching time	Max. 200			Max. 200		
Operating temperature	-40°C ~ +80°C			-40°C ~ +80°C		
Electrical Properties						
Contact resistance	<20 MΩ	<20 MΩ	<20 MΩ		<20 MΩ	
Insulation resistance	>500 MΩ	>500 MΩ	>500 MΩ		>500 MΩ	
Voltage proof (contact -contact)	1000 VDC	1000 VDC	1000 VDC		1000 VDC	
Voltage proof (contact -shield)	1500 VDC	1500 VDC	1500 VDC		1500 VDC	
Operation current	1A	1A	1A		1A	
PoE conform acc. to IEEE802.3at						
Transmission Properties						
Cat. 6A			TIA/EIA Permanent Link			
Class EA			ISO/IEC Permanent Link			
Cat. 6	ISO/IEC 11801:2002 AMD1&2 ; EN50173-1:2007					
Class E						
Channel Class E						
Cat.5e						
Cat.3						
10 Gbit Ethernet acc.to IEEE802.3an			10 Gbit Ethernet gemäß IEEE802.3an			
Gbit Ethernet acc.to. IEEE802.3						

	DN-93501	DN-93502	DN-93511	DN-93601	DN-93602	DN-93603
Standards						
Connector	IEC 60603-7-3/-7-2			IEC 60603-7-5/-7-4		
Mechanical Properties						
Material: housing	-	-	brass-zinc-plated	-	-	-
Material: inner isolation housing	ABS+PC UL 94V-0	ABS	ABS+PC UL 94V-0	ABS+PC UL 94V-0	ABS+PC	ABS+PC UL 94V-0
Material: contact spring	phosphor bronze	phosphor bronze	phosphor bronze	phosphor bronze	phosphor bronze	phosphor bronze
Material: contact finish	6 µm gold-plated	3 µm Au	6 µm gold-plated	6 µm gold-plated	3 µm Au	6 µm gold-plated
Material: RJ45 (shieldet housing)	-	-	-	-	-	-
Material: IDC	phosphor bronze	phosphor bronze	phosphor bronze	phosphor bronze	phosphor bronze	phosphor bronze
Material: IDC finish	zinc-plated	zinc-plated	zinc-plated	zinc-plated	zinc-plated	zinc-plated
Diameter: Cu-conductor	solid wire AWG23-26	solid wire AWG23-26	solid wire AWG23-26	solid wire AWG23-26	solid wire AWG23-26	solid wire AWG23-26
Diameter: Insulation	0.7 ~ 1.6mm					
Color code	TIA/EIA 568 A&B	TIA/EIA 568 A&B	TIA/EIA 568 A&B	TIA/EIA 568 A&B	TIA/EIA 568 A&B	TIA/EIA 568 A&B
Connection: strain relief/ cable shielding						
Cable diameter	max. 8 mm					
Performance						
Insertion force	max. 20N	max. 20N	max. 30N	max. 20N	max. 20N	max. 20N
Mating cycle	750	750	750	750	750	750
IDC punching time	200	200	200	200	200	200
Operating temperature	-10°C ~ +60°C	-10°C ~ +60°C	-10°C ~ +60°C	-10°C ~ +60°C	-10°C ~ +60°C	-10°C ~ +60°C
Electrical Properties						
Contact resistance	≤ 20 MΩ	≤ 20 MΩ	≤ 20 MΩ	≤ 20 MΩ	≤ 20 MΩ	≤ 20 MΩ
Insulation resistance	≥ 500 MΩ	≥ 500 MΩ	≥ 500 MΩ	≥ 500 MΩ	≥ 500 MΩ	≥ 500 MΩ
Voltage proof (contact -contact)	≥ 1000 V AC	≥ 1000 V AC	≥ 1000 V AC	≥ 1000 V AC	≥ 1000 V AC	≥ 1000 V DC
Voltage proof (contact -shield)	≥ 1500 V AC	≥ 1500 V AC	≥ 1500 V AC	≥ 1500 V AC	≥ 1500 V AC	≥ 1500 V DC
Operation current	1A	1A	1A	1A	1A	1A
PoE conform acc. to IEEE802.3at						
Transmission Properties						
CAT 6 _A						
Class E _A						ISO/IEC 11801:2002 AMD1&2 ANSI/TIA/EIA 568B.2-1
CAT 6				ISO/IEC 11801:2002 AMD1&2 ANSI/TIA/EIA 568B.2-1		
Class E						
Channel Class E						
CAT 5e	ISO/IEC 11801:2002 AMD1&2 ANSI/TIA/EIA 568B.2					
CAT 3						
10 Gbit Ethernet acc. to IEEE802.3an						

	DN-93611	DN-93612	DN-93614	DN-93615	DN-93616	DN-93901
Standards						
Connector	0.7 ~ 1.6 mm					
Mechanical Properties						
Material: housing	brass-zinc-plated	zinc-plated	zinc-plated	brass-zinc-plated	brass-zinc-plated	ABS with silver color plating
Material: inner isolation housing	ABS+PC UL 94V-0	ABS+PC UL 94V-0	ABS+PC	ABS+PC UL 94V-0	ABS+PC UL 94V-0	ABS+PC
Material: contact spring	phosphor bronze	phosphor bronze	phosphor bronze	phosphor bronze	phosphor bronze	phosphor bronze
Material: contact finish	6 µm gold-plated	50 µm gold-plated	3 µm Au over 30 µm nickel	50 µm gold-plated	50 µm gold-plated	3 µm Au over 30 µm nickel
Material: RJ45 (shieldet housing)						
Material: IDC	phosphor bronze	phosphor bronze	phosphor bronze	phosphor bronze	phosphor bronze	phosphor bronze
Material: IDC finish	zinc-plated	zinc-plated	zinc-plated	zinc-plated	zinc-plated	zinc-plated
Diameter: Cu-conductor	solid wire AWG23-26	solid wire AWG22-26	solid wire AWG22-26	solid wire AWG23-26	solid wire AWG23-26	solid wire AWG23-26
Diameter: insulation	0.7 ~ 1.6 mm					
Color code	TIA/EIA 568 A&B	TIA/EIA 568 A&B	TIA/EIA 568 A&B	TIA/EIA 568 A&B	TIA/EIA 568 A&B	TIA/EIA 568 A&B
Connection: strain relief/ cable shielding						
Cable diameter	max. 8 mm					
Performance						
Insertion force	max. 30N	max. 30N	max. 30N	max. 30N	max. 30N	max. 20N
Mating cycle	750	750	750	750	750	750
IDC punching time	200	200	200	200	200	200
Operating temperature	-10°C ~ +60°C	-10°C ~ +60°C	-10°C ~ +60°C	-10°C ~ +60°C	-10°C ~ +60°C	-10°C ~ +60°C
Electrical Properties						
Contact resistance	≤ 20 MΩ	≤ 20 MΩ	≤ 20 MΩ	≤ 20 MΩ	≤ 20 MΩ	≤ 20 MΩ
Insulation resistance	≥ 500 MΩ	≥ 500 MΩ	≥ 500 MΩ	≥ 500 MΩ	≥ 500 MΩ	≥ 500 MΩ
Voltage proof (contact -contact)	≥ 1000 V DC	≥ 1000 V DC	≥ 1000 V AC	≥ 1000 V AC	≥ 1000 V AC	≥ 1000 V AC
Voltage proof (contact -shield)	≥ 1500 V DC	≥ 1500 V DC	≥ 1500 V AC	≥ 1500 V AC	≥ 1500 V AC	≥ 1500 V AC
Operation current	1A	1A	1A	1A	1A	1A
PoE conform acc. to IEEE802.3at		suitable	suitable	suitable	suitable	
Transmission Properties						
CAT 6 _A				ISO/IEC 11801:2002 AMD1&2 ANSI/TIA/EIA 568B.2		
Class E _A	ISO/IEC 11801:2002 AMD1&2 ANSI/TIA/EIA 568B.2-1					
CAT 6						
Class E			ISO/IEC 11801 AMD 1 (2008-04)			
Channel Class E						ISO/IEC 11801:2002 AMD1&2 ANSI/TIA/EIA 568B.2
CAT 5e						
CAT 3		10 Gbit Ethernet acc.to IEEE802.3an				
10 Gbit Ethernet acc.to IEEE802.3an						

Suitable manufactures for combination for design covers	Article Number		
	DN-93612	DN-93614	DN-93615/DN-93616
	Fits to:	Fits to:	Fits to:
Busch-Jaeger	1812	1812	1812
	1866EB	1866EB	1810
			1814
			1816
			1818
			1819
			1820
			1800-21x
			1800-2x
			1800-2xx
			1800-7x
			1800-8x
			1866 EB
			1867 EB
			1871 EB
			1872 EB
			1875 EB
			1758-21x
			1758-2x
			1758-2xx
			1758-7x
			1758-8x
			1758 WS
			1758 WN-5x
			2561-21x
			2561-2x
			2561-2xx
			2561-02-21x
		2561-02-2x	
		2561-02-2xx	
PEHA	D 600 MJ11	D 600 MJ11	
Gira			
System 55*	0663 01	0663 01	0663 01
	0663 03	0663 03	0663 03
	0663 27	0663 27	0663 27
	0663 28	0663 28	0663 28
	0663 26	0663 26	0663 26
E22	0663 20	0663 20	0663 20
	0663 203	0663 203	0663 203
Fläche	0663 111	0663 111	0663 111
	0663 112	0663 112	0663 112
S-Color	0663 40	0663 40	0663 40
	0663 42	0663 42	0663 42
	0663 43	0663 43	0663 43
	0663 46	0663 46	0663 46
	0663 47	0663 47	0663 47
Tragering	0191 00	0191 00	0191 00

*Suitable for standard 55, E2, Event and Esprit

The above listed covers are suitable for framework programmes (1-5 fold frame) :

System 55: Standard, E2, Event, Esprit

E22: stainless steel series 20 and 21, E22 stainless steel, E22 aluminium

Area
S-Color

Suitable manufactures for combination for design covers	Article Number		
	DN-93612 Fits to:	DN-93614 Fits to:	DN-93615/DN-93616 Fits to:
Albrecht Jung GmbH 1.	Cover with carrying ring (Modul is suitable for) A569-2NSIE	Cover with carrying ring (Modul is suitable for) A569-2NSIE	Cover with carrying ring (Modul is suitable for) A569-2NSIE
	Cover with carrying ring (Modul has lateral space) ..-1NWE	Cover with carrying ring (Modul has lateral space) ..-1NWE	
	Cover with carrying ring (Modul has lateral space) ..-2NWE	Cover with carrying ring (Modul has lateral space) ..-2NWE	
2.	Data connection housing (Modul has lateral space) 554 -> Assembly-Panel 54-1WE -> Assembly-Panel 54-2WE	Data connection housing (Modul has lateral space) 554 -> Assembly-Panel 54-1WE -> Assembly-Panel 54-2WE	
3.	Mounting adapter 2-fold for 2 universal modules (Modul can be installed) Typ A Art.-Nr.: UMA-CAT6A Art.-Nr.UMA-MA2	Mounting adapter 2-fold for 2 universal modules (Modul can be installed) Typ A Art.-Nr.: UMA-CAT6A Art.-Nr.UMA-MA2	Mounting adapter 2-fold for 2 universal modules (Modul can be installed) Typ A Art.-Nr.: UMA-CAT6A Art.-Nr.UMA-MA2
Feller EDIZIOdue dry Itplus Cat 6A, RJ45-outlets shieleded/unshieleded montage set keystone Mastercatalogue 2009/2010 S. (6.24)			1183-028.FMI.F.61 878 260 000
			1183-028.FX.54.F.61 878 060 000
			1183-028.FKE.F.61 878 487 000
			1183-028.BKE.F.61 978 742 000
			1183-028.FM.TE.F.61 878 485 000
	1183-028.FMI.61 878 270 000		1183-028.FMI.61 878 270 000
	1183-028.FX.54.61 878 070 000		1183-028.FX.54.61 878 070 000
1183-028.FKE.61 878 477 000		1183-028.FKE.61 878 477 000	
1183-028.BKE.61 978 732 000		1183-028.BKE.61 978 732 000	
1183-028.FM.TE.61 878 475 000		1183-028.FM.TE.61 878 475 000	
Rutenbeck	UM-UMA 2 Up 139 000 04		UM-UMA 2 Up 139 000 04
	UM-UMA 2 Up 139 000 01 *Keystone design, variant A		UM-UMA 2 Up 139 000 01 *Keystone design, variant A
	UM-UMA 3 Up 139 000 02 *Keystone design, variant A		UM-UMA 3 Up 139 000 02 *Keystone design, variant A
Berker	454001, 454101, 1464..	454001, 454101	454001, 454101, 1464..

	CAT 6 _A S-FTP AWG27/7 LSOH	CAT 6 _A S-FTP AWG26/7 LSOH	CAT 6 S-FTP AWG27/7 LSOH	CAT 6 U-UTP AWG26/7 PVC	CAT 5e SF-UTP AWG26/7 PVC
	(DK-1643-A-XXX)	(DK-1644-A-xxx)	(DK-1644-xxx)	(DK-1614-xxx)	(DK-1532-xxx)
Standards					
Connector	FCC & IEC 60603-7	FCC & IEC 60603-7	FCC & IEC 60603-7	FCC & IEC 60603-7	FCC & IEC 60603-7
Mechanical Properties					
Cable type	CAT 6 _A S-FTP AWG27/7	CAT 6 _A S-FTP AWG26/7	CAT 6 S-FTP AWG27/7	CAT 6 U-UTP AWG26/7	CAT 5e SF-UTP AWG26/7
Stranded wire	0.16 +/-0.015 mm	0.15 +/-0.015 mm	0.15 +/-0.015 mm	0.15 +/-0.015 mm	0.16 +/-0.015 mm
Diameter: Cable jacket	5.9mm +/- 0.3 mm	6.0mm +/- 0.3 mm	6.0mm +/- 0.3 mm	5.0mm +/- 0.3 mm	5.3mm +/- 0.3 mm
Isolation stranded wire	FO-PE	HD-PE	HD-PE	HD-PE	HD-PE
Isolation cable jacket	LSOH	LSOH	LSOH	PVC	PVC
Pair shielding	pair in AL-foil	wrapped with AL-foil	pair in AL-foil	non	non
Overall shielding	Tin-plated copper braiding	Tin-plated copper braiding	Tin-plated copper braiding	non	AL-foil, Tin-plated copper braiding
Configuration	1:1	1:1	1:1	1:1	1:1
Operating temperature	-20°C ~ +60°C	-20°C ~ +60°C	-20°C ~ +60°C	-20°C ~ +60°C	-20°C ~ +60°C
Flame-retardant test	IEC 60332-1 IEC 60332-3 IEC 61034	IEC 60332-1 IEC 60332-3 IEC 61034	IEC 60332-1 IEC 60332-3 IEC 61034		
Electrical properties					
Operation current	2A	2A	2A	2A	2A
PoE conform acc. to IEEE802.3at	suitable	suitable	suitable	suitable	suitable
Transmission Properties					
Gbit Ethernet acc. to IEEE802.3	suitable	suitable	suitable	suitable	suitable

	CAT 5e F-UTP AWG26/7 PVC	CAT 5e U-UTP AWG26/7 PVC	CAT 5e SF-UTP AWG26/7 PVC	CAT 5e F-UTP AWG26/7 PVC	CAT 5e U-UTP AWG26/7 PVC
	(DK-1522-xxx)	(DK-1512-xxx)	DK-1531-xxx	DK-1521-xxx	DK-1511-xxx
Standards					
Connector	FCC & IEC 60603-7	FCC & IEC 60603-7	FCC & IEC 60603-7	FCC & IEC 60603-7	FCC & IEC 60603-7
Mechanical Properties					
Cable type	CAT 5e F-UTP AWG26/7	CAT 5e U-UTP AWG26/7	CAT 5e SF-UTP AWG26/7	CAT 5e F-UTP AWG26/7	CAT 5e U-UTP AWG26/7
Stranded wire	0.16 +/-0.015 mm	0.16 +/-0.015 mm	0.16 +/-0.015 mm	0.16 +/-0.015 mm	0.16 +/-0.015 mm
Diameter: Cable jacket	5.2 mm +/- 0.3 mm	4.9 mm +/- 0.3 mm	5.3 mm +/- 0.3 mm	5.2 mm +/- 0.3 mm	4.9 mm +/- 0.3 mm
Isolation stranded wire	HD-PE	HD-PE	HD-PE	HD-PE	HD-PE
Isolation cable jacket	PVC	PVC	PVC	PVC	PVC
Pair shielding	non	non	non	non	non
Overall shielding	AL-Foil	non	AL-foil, Tin-plated Copper braiding	AL-foil	non
Configuration	1:1	1:1	1:1	1:1	1:1
Operating temperature	-20°C ~ +60°C	-20°C ~ +60°C	-20°C ~ +60°C	-20°C ~ +60°C	-20°C ~ +60°C
Flame-retardant test					
Electrical properties					
Operation current	2A	2A	2A	2A	2A
PoE conform acc. to IEEE802.3at	suitable	suitable	suitable	suitable	suitable
Transmission Properties					
Gbit Ethernet acc. to IEEE802.3	suitable	suitable	suitable	suitable	suitable

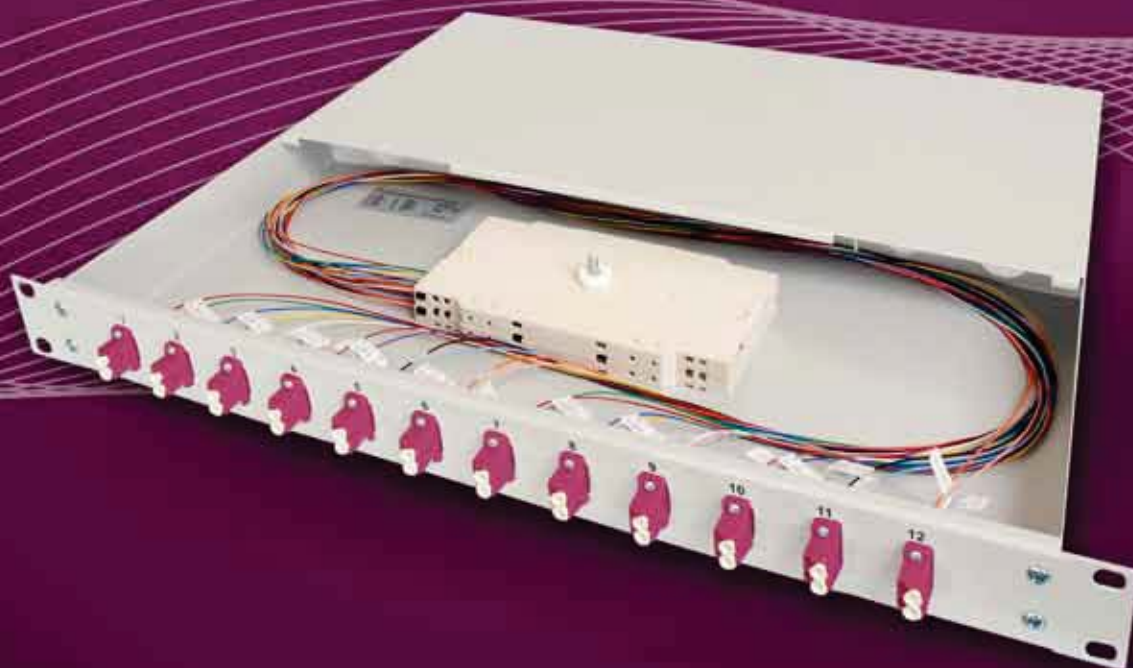
Quick. Secure. Effective. Our fiber optic components

Fiber optic cables are used everywhere where large quantities of data need to be transmitted quickly and reliably. Light is transferred through fibers made of quartz glass or plastic. Like all fiber optic cables, the fiber optic installation cable possesses numerous advantages over copper cables. They offer better transmission over long distances at a higher bandwidth, are insensitive to electrical and magnetic interference, do not require any protection against lightning, produce no background noise during phone calls, and guarantee security against interception.

Our fiber optic installation cables meet the highest quality standards and are naturally UV-resistant, are waterproof lengthwise and crosswise, and are equipped with non-metallic rodent protection. We would also be happy to address individual needs or cable types and can provide these upon request.



FIBER OPTIC COMPONENTS



ST / ST Fiber Optic Patch Cable, Duplex

- ST / ST connectors
- Halogen free cable I-VH 2G-XXX (multimode), I-VH 2E-XXX (singlemode)
- Connector with ceramic ferrule
- Two color boot (multimode cable)
- Single packed, with test report



Multimode

Singlemode

Angled version on request.

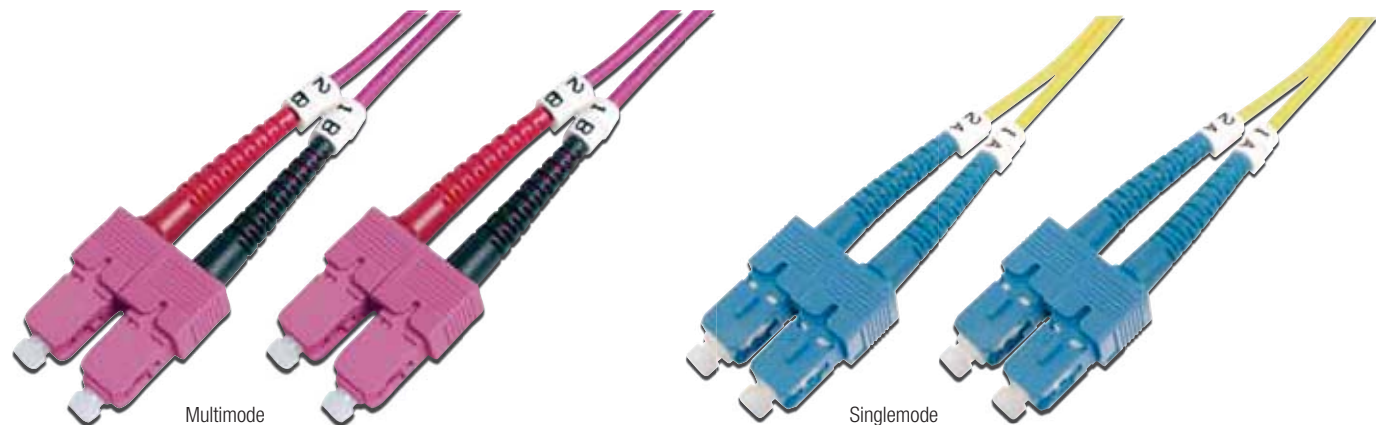
Please choose your requested product by the corresponding article number or the EAN code.



	Multimode OM2 - 50/125 μ	Multimode OM1 - 62,5/125 μ	Multimode OM3 - 50/125 μ	Singlemode - 9/125 μ
1,0 m	247999 / DK-2511-01	248194 / DK-2611-01	248279 / DK-2511-01/3	248330 / DK-2911-01
2,0 m	248033 / DK-2511-02	248217 / DK-2611-02	248286 / DK-2511-02/3	248347 / DK-2911-02
3,0 m	248064 / DK-2511-03	248224 / DK-2611-03	248293 / DK-2511-03/3	248354 / DK-2911-03
5,0 m	248118 / DK-2511-05	248231 / DK-2611-05	248309 / DK-2511-05/3	248361 / DK-2911-05
7,0 m	248101 / DK-2511-07	248255 / DK-2611-07	248316 / DK-2511-07/3	248378 / DK-2911-07
10,0 m	248095 / DK-2511-10	248262 / DK-2611-10	248323 / DK-2511-10/3	248385 / DK-2911-10

SC / SC Fiber Optic Patch Cable, Duplex

- SC / SC connector
- Halogen free cable I-VH 2G-XXX (multimode), I-VH 2E-XXX (singlemode)
- SCA = 8° APC
- Connector with ceramic ferrule
- Two color boot (multimode cable)
- Single packed, with test report



Multimode

Singlemode

Angled version on request.

Please choose your requested product by the corresponding article number or the EAN code.



	Multimode OM2 - 50/125 μ	Multimode OM1 - 62,5/125 μ	Multimode OM3 - 50/125 μ	Singlemode 9/125 μ	Multimode OM4 - 50/125 μ	Singlemode 9/125 μ	Singlemode 9/125 μ
1,0 m	248392 / DK-2522-01	248460 / DK-2622-01	248538 / DK-2522-01/3	248736 / DK-2922-01	308850 / DK-2522-01-4	308973 / DK-292SCA2SCA-01	309031 / DK-292SCA2SC-01
2,0 m	248408 / DK-2522-02	248477 / DK-2622-02	248545 / DK-2522-02/3	248743 / DK-2922-02	308867 / DK-2522-02-4	308980 / DK-292SCA2SCA-02	309451 / DK-292SCA2SC-02
3,0 m	248415 / DK-2522-03	248491 / DK-2622-03	248552 / DK-2522-03/3	248750 / DK-2922-03	308874 / DK-2522-03-4	308997 / DK-292SCA2SCA-03	309048 / DK-292SCA2SC-03
5,0 m	248422 / DK-2522-05	248507 / DK-2622-05	248569 / DK-2522-05/3	248767 / DK-2922-05	308881 / DK-2522-05-4	309000 / DK-292SCA2SCA-05	309055 / DK-292SCA2SC-05
7,0 m	248446 / DK-2522-07	248514 / DK-2622-07	248576 / DK-2522-07/3	248774 / DK-2922-07	308898 / DK-2522-07-4	309017 / DK-292SCA2SCA-07	309062 / DK-292SCA2SC-07
10,0 m	248453 / DK-2522-10	248521 / DK-2622-10	248729 / DK-2522-10/3	248781 / DK-2922-10	308904 / DK-2522-10-4	309024 / DK-292SCA2SCA-10	309079 / DK-292SCA2SC-10

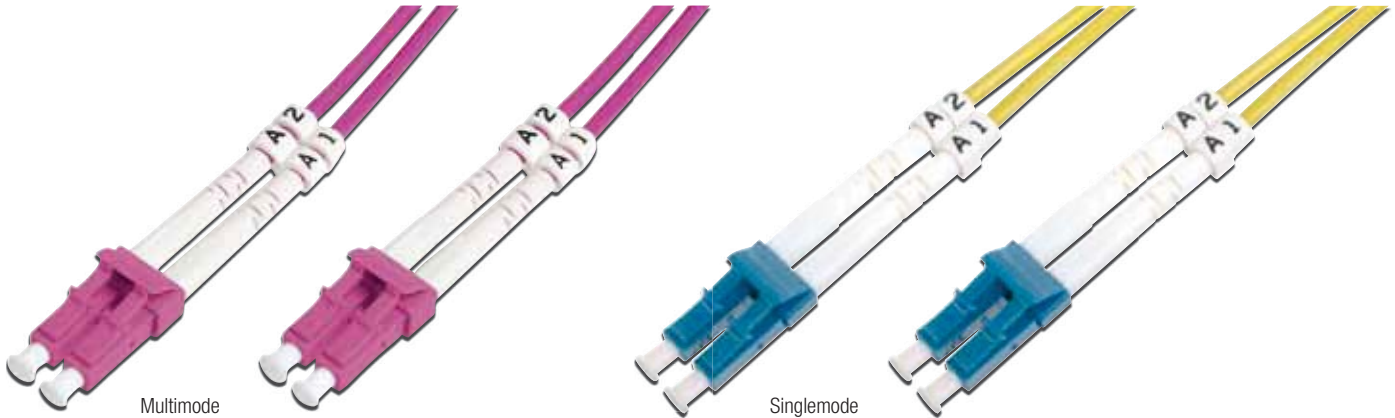


Fiber Optic Patch Cables

LC / LC Fiber Optic Patch Cable, Duplex

- LC / LC connector
- Halogen free cable I-VH 2G-XXX (multimode), I-VH 2E-XXX (singlemode)
- LCA = 8° APC

- Connector with ceramic ferrule
- Two color boot (multimode cable)
- Single packed, with test report



Multimode

Singlemode

Angled version on request.

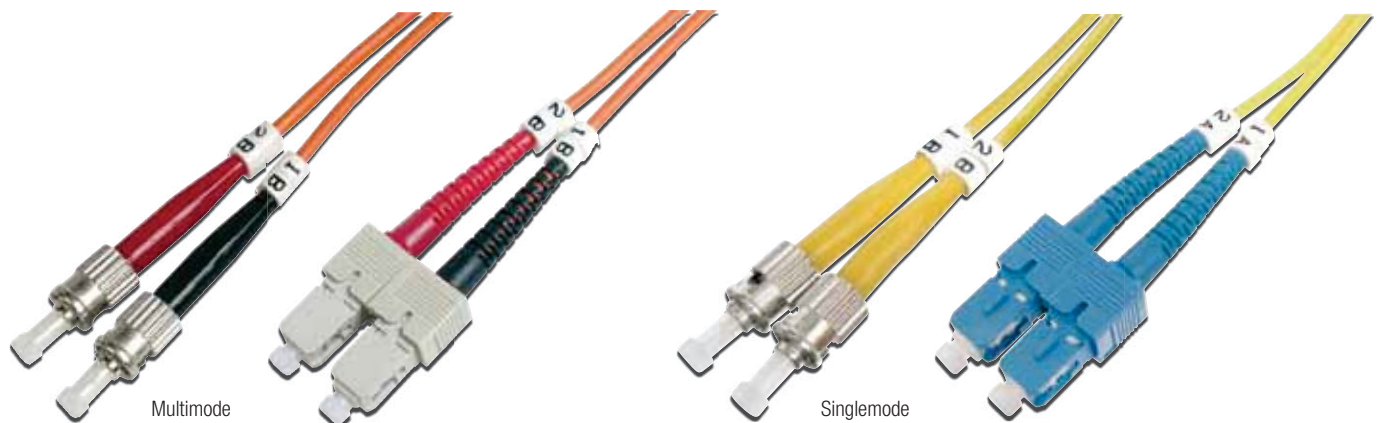
Please choose your requested product by the corresponding article number or the EAN code.

	Multimode OM2 - 50/125 μ	Multimode OM1 - 62,5/125 μ	Multimode OM3 - 50/125 μ	Singlemode 9/125 μ	Multimode OM4 - 50/125 μ	Singlemode 9/125 μ	Singlemode 9/125 μ
1,0 m	249030 / DK-2533-01	248798 / DK-2633-01	248859 / DK-2533-01/3	248910 / DK-2933-01	308799 / DK-2533-01-4	309093 / DK-293LCA3LCA-01	309147 / DK-293LCA3LC-01
2,0 m	249054 / DK-2533-02	248804 / DK-2633-02	248866 / DK-2533-02/3	248927 / DK-2933-02	308805 / DK-2533-02-4	309086 / DK-293LCA3LCA-02	309154 / DK-293LCA3LC-02
3,0 m	249047 / DK-2533-03	248811 / DK-2633-03	248873 / DK-2533-03/3	248934 / DK-2933-03	308812 / DK-2533-03-4	309109 / DK-293LCA3LCA-03	309161 / DK-293LCA3LC-03
5,0 m	249061 / DK-2533-05	248828 / DK-2633-05	248880 / DK-2533-05/3	248941 / DK-2933-05	308829 / DK-2533-05-4	309116 / DK-293LCA3LCA-05	309178 / DK-293LCA3LC-05
7,0 m	249078 / DK-2533-07	248835 / DK-2633-07	248897 / DK-2533-07/3	248958 / DK-2933-07	308836 / DK-2533-07-4	309123 / DK-293LCA3LCA-07	309185 / DK-293LCA3LC-07
10,0 m	249085 / DK-2533-10	248842 / DK-2633-10	248903 / DK-2533-10/3	248965 / DK-2933-10	308843 / DK-2533-10-4	309130 / DK-293LCA3LCA-10	309192 / DK-293LCA3LC-10

ST / SC Fiber Optic Patch Cable, Duplex

- ST / SC connector
- Halogen free cable I-VH 2G-XXX (multimode), I-VH 2E-XXX (singlemode)
- Connector with ceramic ferrule

- Two color boot (multimode cable)
- Single packed, with test report



Multimode

Singlemode

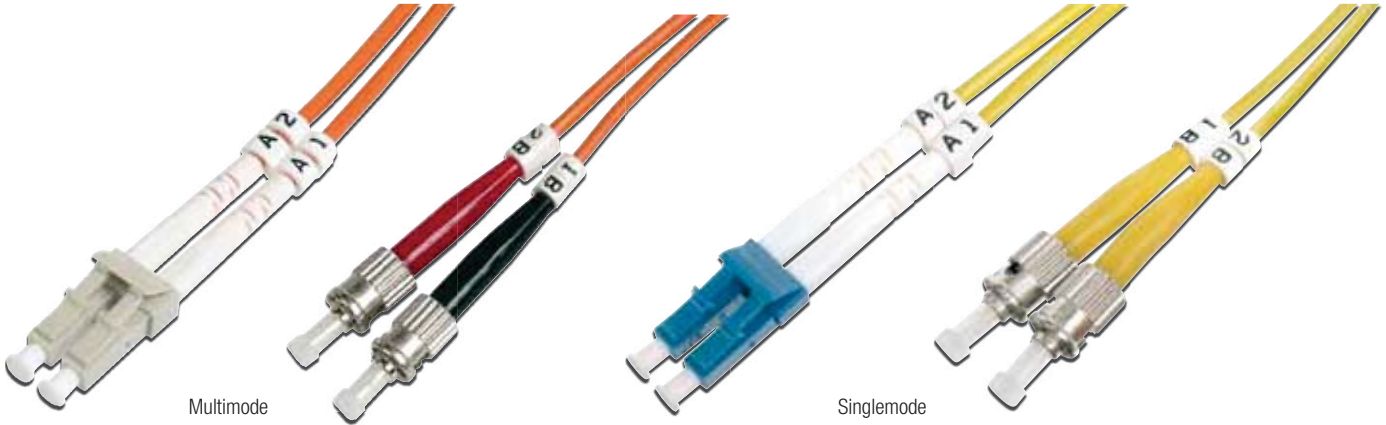
Angled version on request.

Please choose your requested product by the corresponding article number or the EAN code.

	Multimode OM2 - 50/125 μ	Multimode OM1 - 62,5/125 μ	Multimode OM3 - 50/125 μ	Singlemode - 9/125 μ
1,0 m	248606 / DK-2512-01	248668 / DK-2612-01	248972 / DK-2512-01/3	249092 / DK-2912-01
2,0 m	248613 / DK-2512-02	248675 / DK-2612-02	248989 / DK-2512-02/3	249108 / DK-2912-02
3,0 m	248620 / DK-2512-03	248682 / DK-2612-03	248996 / DK-2512-03/3	249115 / DK-2912-03
5,0 m	248637 / DK-2512-05	248699 / DK-2612-05	249009 / DK-2512-05/3	249122 / DK-2912-05
7,0 m	248644 / DK-2512-07	248705 / DK-2612-07	249016 / DK-2512-07/3	249139 / DK-2912-07
10,0 m	248651 / DK-2512-10	248712 / DK-2612-10	249023 / DK-2512-10/3	249146 / DK-2912-10

LC / ST Fiber Optic Patch Cable, Duplex

- LC / ST connector
- Halogen free cable I-VH 2G-XXX (multimode), I-VH 2E-XXX (singlemode)
- Connector with ceramic ferrule
- Two color boot (multimode cable)
- Single packed, with test report



Angled version on request.

Please choose your requested product by the corresponding article number or the EAN code.



	Multimode OM2 - 50/125 μ	Multimode OM1 - 62,5/125 μ	Multimode OM3 - 50/125 μ	Singlemode - 9/125 μ
1,0 m	249153 / DK-2531-01	249214 / DK-2631-01	249276 / DK-2531-01/3	249337 / DK-2931-01
2,0 m	249160 / DK-2531-02	249221 / DK-2631-02	249283 / DK-2531-02/3	249344 / DK-2931-02
3,0 m	249177 / DK-2531-03	249238 / DK-2631-03	249290 / DK-2531-03/3	249351 / DK-2931-03
5,0 m	249184 / DK-2531-05	249245 / DK-2631-05	249306 / DK-2531-05/3	249368 / DK-2931-05
7,0 m	249191 / DK-2531-07	249252 / DK-2631-07	249313 / DK-2531-07/3	249375 / DK-2931-07
10,0 m	249207 / DK-2531-10	249269 / DK-2631-10	249320 / DK-2531-10/3	249382 / DK-2931-10

LC / SC Fiber Optic Patch Cable, Duplex

- LC / SC connector
- Halogen free cable I-VH 2G-XXX (multimode), I-VH 2E-XXX (singlemode)
- SCA = 8° APC, LCA = 8° APC
- Connector with ceramic ferrule
- Two color boot (multimode cable)
- Single packed, with test report



Angled version on request.

Please choose your requested product by the corresponding article number or the EAN code.



	Multimode OM2 - 50/125 μ	Multimode OM1 - 62,5/125 μ	Multimode OM3 - 50/125 μ	Singlemode 9/125 μ	Multimode OM4 - 50/125 μ	Singlemode 9/125 μ	Singlemode 9/125 μ
1,0 m	249399 / DK-2532-01	249467 / DK-2632-01	249566 / DK-2532-01/3	249634 / DK-2932-01	308911 / DK-2532-01-4	309208 / DK-292SCA3LCA-01	309260 / DK-292SCA3LC-01
2,0 m	249405 / DK-2532-02	249474 / DK-2632-02	249580 / DK-2532-02/3	249641 / DK-2932-02	308928 / DK-2532-02-4	309215 / DK-292SCA3LCA-02	309277 / DK-292SCA3LC-02
3,0 m	249412 / DK-2532-03	249481 / DK-2632-03	249597 / DK-2532-03/3	249658 / DK-2932-03	308935 / DK-2532-03-4	309222 / DK-292SCA3LCA-03	309284 / DK-292SCA3LC-03
5,0 m	249436 / DK-2532-05	249498 / DK-2632-05	249603 / DK-2532-05/3	249665 / DK-2932-05	308942 / DK-2532-05-4	309239 / DK-292SCA3LCA-05	309291 / DK-292SCA3LC-05
7,0 m	249443 / DK-2532-07	249511 / DK-2632-07	249610 / DK-2532-07/3	249672 / DK-2932-07	308959 / DK-2532-07-4	309246 / DK-292SCA3LCA-07	309307 / DK-292SCA3LC-07
10,0 m	249450 / DK-2532-10	249528 / DK-2632-10	249627 / DK-2532-10/3	249689 / DK-2932-10	308966 / DK-2532-10-4	309253 / DK-292SCA3LCA-10	309345 / DK-292SCA3LC-10

E2000 / E2000 Fiber Optic Patch Cable, Duplex

- Singlemode 09/125 μ with 8° APC
- Cable I-VH 2E-XXX, holgen free

- Connector with ceramic ferrule
- Single packed with test report



Angled version on request.

Please choose your requested product by the corresponding article number or the EAN code.



	E2000 (8° APC) - E 2000 (8° APC)	E2000 (8° APC) - LC (PC)	E2000 (8° APC) - SC (PC)
1,0 m	204725 / AL-9E2000-01I	204763 / AL-9E2000LC-01I	204800 / AL-9E2000SC-01I
2,0 m	204732 / AL-9E2000-02I	204770 / AL-9E2000LC-02I	204817 / AL-9E2000SC-02I
3,0 m	204749 / AL-9E2000-03I	204787 / AL-9E2000LC-03I	204824 / AL-9E2000SC-03I
5,0 m	204756 / AL-9E2000-05I	204794 / AL-9E2000LC-05I	204831 / AL-9E2000SC-05I
10,0 m	308256 / AL-9E2000-10I	308331 / AL-9E2000LC-10I	308348 / AL-9E2000SC-10I
15,0 m	308263 / AL-9E2000-15I	308324 / AL-9E2000LC-15I	308355 / AL-9E2000SC-15I
20,0 m	214908 / AL-9E2000-20I	212027 / AL-9E2000LC-20I	212010 / AL-9E2000SC-20I
25,0 m	308270 / AL-9E2000-25I	354154 / AL-9E2000LC-25I	354178 / AL-9E2000SC-25I
30,0 m	308287 / AL-9E2000-30I	308317 / AL-9E2000LC-30I	308379 / AL-9E2000SC-30I
40,0 m	308300 / AL-9E2000-40I	348894 / AL-9E2000LC-40I	354161 / AL-9E2000SC-40I

Technical Data E2000 Patch cables

	E2000/APC 8° - LC/PC AL-9E2000LC-01I ... AL9E2000LC-05I	E2000/APC 8° - SC/PC AL-9E2000SC-01I ... AL9E2000SC-05I	E2000/APC 8° - E2000/APC 8° AL-9E2000-01I ... AL-9E2000-05I
Mechanical Properties			
Primary coating	Acrylate; \varnothing 250 \pm 15 μ m	Acrylate; \varnothing 250 \pm 15 μ m	Acrylate; \varnothing 250 \pm 15 μ m
Secondary coating	\varnothing 0.9 \pm 0.1 mm	\varnothing 0.9 \pm 0.1 mm	\varnothing 0.9 \pm 0.1 mm
Coating color	9/125 OS2: yellow 50/125 OM4: violet 50/125 OM3: aqua 50/125 OM2: green 62.5/125 OM1: orange	9/125 OS2: yellow 50/125 OM4: violet 50/125 OM3: aqua 50/125 OM2: green 62.5/125 OM1: orange	9/125 OS2: yellow 50/125 OM4: violet 50/125 OM3: aqua 50/125 OM2: green 62.5/125 OM1: orange
Cable protection	Aramid (Kevlar)	Aramid (Kevlar)	Aramid (Kevlar)
Operating temperature	min: -20 °C max: +60 °C	min: -20 °C max: +60 °C	min: -20 °C max: +60 °C
Storage temperature	min: -25 °C max: +80 °C	min: -25 °C max: +80 °C	min: -25 °C max: +80 °C
Cable jacket	LSOH	LSOH	LSOH
Cable building	SM: 2 x 4 mm or 3 x 6 mm MM: 2.5 x 5 mm	SM: 2 x 4 mm or 3 x 6 mm MM: 2.5 x 5 mm	SM: 2 x 4 mm or 3 x 6 mm MM: 2.5 x 5 mm
Optical Properties			
Insertion loss	SM APC: max. 0.5 dB	SM APC: max. 0.5 dB	SM PC: max. 0.5 dB MM PC: max. 0.4 dB
Return loss	SM APC: min. 60 dB	SM APC: min. 60 dB	SM PC: > 35 dB SM SPC: > 45 dB SM UPC: > 50 dB MM PC: > 25 dB
Life cycle	> 500	> 500	> 1000

Universal Fiber Optic Installation Cable, OM4

Best performance and link quality for your network.

- Central loose tube cable
- Multimode G50/125 OM4
- LSOH-outer sheath
- Halogen-free, flame-resistant as per IEC 332-3 C
- UV-resistant
- Longitudinally and laterally water-resistant
- Glass yarn armoured
- Non-metal rodent protection
- Metal free
- Color coded fibers



350798 / DK-35041/4-U

Universal fiber optic installation cable, OM4, 4 fibers

350804 / DK-35081/4-U

Universal fiber optic installation cable, OM4, 8 fibers

306276 / DK-35121/4-U

Universal fiber optic installation cable, OM4, 12 fibers

350811 / DK-35241/4-U

Universal fiber optic installation cable, OM4, 24 fibers

Universal Fiber Optic Installation Cable, OM3

Best performance and link quality for your network.

- Central loose tube cable
- Multimode G50/125 OM3
- LSOH-outer sheath
- Halogen-free, flame-resistant as per IEC 332-3 C
- UV-resistant
- Longitudinally and laterally water-resistant
- Glass yarn armoured
- Non-metal rodent protection
- Metal free
- Color coded fibers



272212 / DK-35041/3-U

Universal fiber optic installation cable, OM3, 4 fibers

272229 / DK-35081/3-U

Universal fiber optic installation cable, OM3, 8 fibers

272236 / DK-35121/3-U

Universal fiber optic installation cable, OM3, 12 fibers

272243 / DK-35241/3-U

Universal fiber optic installation cable, OM3, 24 fibers

Universal Fiber Optic Installation Cable, OM2

Best performance and link quality for your network.

- Universally useable, for indoor and outdoor use
- Central loose tube cable
- Multimode G50/125 OM2
- LSOH-outer sheath
- Halogen-free, flame-resistant as per IEC 332-3 C
- UV-resistant
- Longitudinally and laterally water-resistant
- Glass yarn armoured
- Non-metal rodent protection
- Metal free
- Color coded fibers



272076 / DK-35041-U

Universal fiber optic installation cable, OM2, 4 fibers

272090 / DK-35081-U

Universal fiber optic installation cable, OM2, 8 fibers

272106 / DK-35121-U

Universal fiber optic installation cable, OM2, 12 fibers

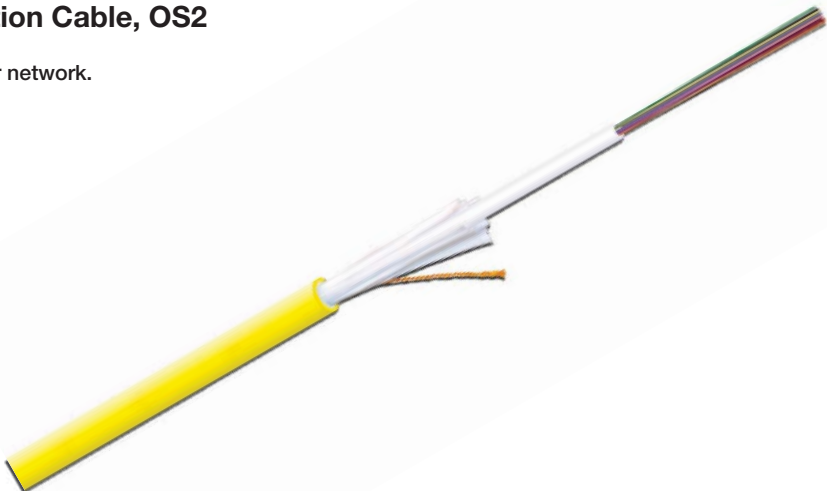
272113 / DK-35241-U

Universal fiber optic installation cable, OM2, 24 fibers

Universal Fiber Optic Installation Cable, OS2

Best performance and link quality for your network.

- Universally useable, for indoor and outdoor use
- Central loose tube cable
- Singlemode E09/125 OS2
- LSOH-outer sheath
- Halogen-free, flame-resistant as per IEC 332-3 C
- UV-resistant
- Longitudinally and laterally water-resistant
- Glass yarn armoured
- Non-metal rodent protection
- Metal free
- Color coded fibers



272175 / DK-39041-U

Universal fiber optic installation cable, OS2, 4 fibers

272182 / DK-39081-U

Universal fiber optic installation cable, OS2, 8 fibers

272199 / DK-39121-U

Universal fiber optic installation cable, OS2, 12 fibers

272205 / DK-39241-U

Universal fiber optic installation cable, OS2, 24 fibers

Technical Data Pigtails

	ST DK-25112-02 ... DK-25112-02/3	SC DK-25221-02 ... DK-25221-02/3	LC DK-25332-02 ... DK-25332-02/3	E2000/APC 8° AL-9FPE2000-02I
Mechanical Properties				
Primary coating	Acrylate; Ø 250± 15 µm	Acrylate; Ø 250± 15 µm	Acrylate; Ø 250± 15 µm	Acrylate; Ø 250± 15 µm
Secondary coating	Ø 0.9 ± 0.1 mm	Ø 0.9 ± 0.1 mm	Ø 0.9 ± 0.1 mm	Ø 0.9 ± 0.1 mm
Coating (buffer) color	SM: yellow 50/125 OM2: green 50/125 OM3: Aqua 62.5/125 OM1: orange	SM: yellow 50/125 OM2: green 50/125 OM3: Aqua 62.5/125 OM1: orange	SM: yellow 50/125 OM2: green 50/125 OM3: Aqua 62.5/125 OM1: orange	SM: yellow 50/125 OM2: green 50/125 OM3: Aqua 62.5/125 OM1: orange
Isolation strand/wire	hytel / kevlar; Ø 1.4 mm (± 0.2 mm)	hytel / kevlar; Ø 1.4 mm (± 0.2 mm)	hytel / kevlar; Ø 1.4 mm (± 0.2 mm)	hytel / kevlar; Ø 1.4 mm (± 0.2 mm)
Operating temperature	min: -20 °C max: +60 °C	min: -20 °C max: +60 °C	min: -20 °C max: +60 °C	min: -20 °C max: +60 °C
Storage temperature	min: -25 °C max: +80 °C	min: -25 °C max: +80 °C	min: -25 °C max: +80 °C	min: -25 °C max: +80 °C
Optical Properties				
Insertion loss	SM PC: max. 0.5 dB MM PC: max. 0.4 dB	SM PC: max. 0.5 dB MM PC: max. 0.4 dB	SM PC: max. 0.5 dB MM PC: max. 0.4 dB	SM PC: max. 0.5 dB MM PC: max. 0.4 dB
Return loss	SM PC : > 35 dB MM PC : > 25 dB	SM PC : > 35 dB SM SPC: > 45 dB SM UPC: > 50 dB MM PC : > 25 dB	SM PC : > 35 dB SM SPC: > 45 dB SM UPC: > 50 dB MM PC : > 25 dB	SM PC : > 35 dB SM SPC: > 45 dB SM UPC: > 50 dB MM PC : > 25 dB
Life cycle	> 500 connections	> 500 connections	> 500 connections	> 1000 connections

E2000 Pigtail Simplex

Cost reduction by verifiable quality and high performance
Simplex OS 2 09/125 µ 2 m

- Connector 1 E2000 (APC)
- Fiber class OS2
- Fiber diameter 9/125 µ
- Mode singlemode
- Color cable yellow
- Boot single-color
- Length 2 m
- Packaging polybag



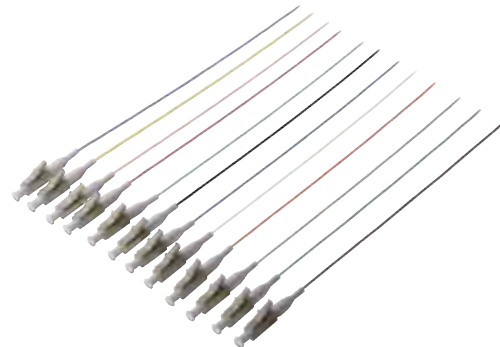
204848 / AL-9FPE2000-02I
E2000 Pigtail with 8° (APC), simplex, 2 m, R&M

273769 / AL-9FPE2000-02I-1
E2000 Pigtail with 8° (APC), simplex, 2 m, diamond

Colored Pigtails, LC, OS2/OM2/OM3/OM4, Simplex

Best performance and link quality
for your network

- Standard connector acc. IEC 61754-4 2002
- Operating temperature: -25°C ~ +80°C
- Storage temperature: -20°C ~ +65°C
- Insertion loss MM PC: max. 0.4 dB
- Return loss MM PC: > 25 dB
- Zirconia ceramic ferrule
- Simplex OM2 50/125 μm
- Secondary coating dimensions: $\varnothing 0.9 \pm 0.1$ mm
- Primary coating: Acrylate; $\varnothing 250 \pm 15$ μm
- Semi-tight buffer
- Colored buffer, according to IEC 304 in the colors white, violet, turquoise, black, red, pink, orange, gray, green, yellow, brown, blue



280163 / DK-25332-02
OM2 Simplex pigtails, LC, 2 m

263005 / DK-25332-02/3
OM3 Simplex pigtails, LC, 2 m

308775 / DK-25332-02-4
OM4 Simplex pigtails, LC, 2 m

280170 / DK-29332-02
OS2 Simplex pigtails, LC, 2 m

Colored Pigtails, SC, OS2/OM2/OM3/OM4, Simplex

Best performance and link quality
for your network

- Standard connector acc. IEC 61754-4 2002
- Operating temperature: -25°C ~ +80°C
- Storage temperature: -20°C ~ +65°C
- Insertion loss MM PC: max. 0.4 dB
- Return loss MM PC: > 25 dB
- Zirconia ceramic ferrule
- Simplex OM2 50/125 μm
- Secondary coating dimensions: $\varnothing 0.9 \pm 0.1$ mm
- Primary coating: Acrylate; $\varnothing 250 \pm 15$ μm
- Semi-tight buffer
- Colored buffer, according to IEC 304 in the colors white, violet, turquoise, black, red, pink, orange, gray, green, yellow, brown, blue



261643 / DK-25221-02
OM2 Simplex pigtails, SC, 2 m

262992 / DK-25221-02/3
OM3 Simplex pigtails, SC, 2 m

308782 / DK-25221-02-4
OM4 Simplex pigtails, SC, 2 m

280187 / DK-29221-02
OS2 Simplex pigtails, SC, 2 m

Colored Pigtails, ST, OS2/OM2/OM3/OM4, Simplex

Best performance and link quality
for your network

- Standard connector acc. IEC 61754-4 2002
- Operating temperature: -25°C ~ +80°C
- Storage temperature: -20°C ~ +65°C
- Insertion loss MM PC: max. 0.4 dB
- Return loss MM PC: > 25 dB
- Zirconia ceramic ferrule
- Simplex OM2 50/125 μm
- Secondary coating dimensions: $\varnothing 0.9 \pm 0.1$ mm
- Primary coating: Acrylate; $\varnothing 250 \pm 15$ μm
- Semi-tight buffer
- Colored buffer, according to IEC 304 in the colors white, violet, turquoise, black, red, pink, orange, gray, green, yellow, brown, blue



254225 / DK-25112-02
OM2 Simplex pigtails, ST, 2 m

262985 / DK-25112-02/3
OM3 Simplex pigtails, ST, 2 m

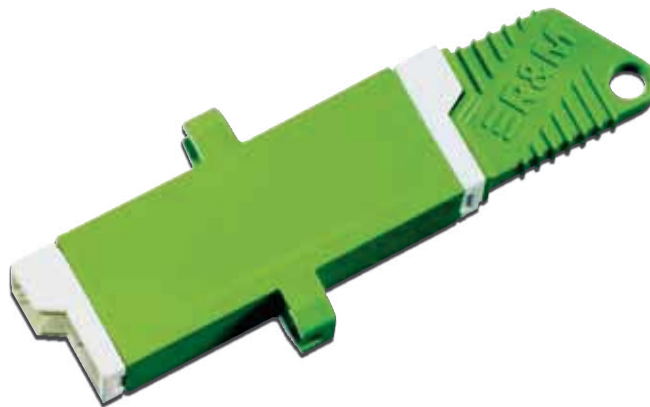
325697 / DK-25112-02-4
OM4 Simplex pigtails, ST, 2 m

280194 / DK-29112-02
OS2 Simplex pigtails, ST, 2 m

	ST	SC	LC	E2000 ALWL-E2000
Standards				
Connector	IEC 61754-2 1996	IEC 61754-4 2002	IEC 61754-15 2009	IEC 61754-15 2009
Mechanical Properties				
Material: connector ferrule	zirconia ceramic	zirconia ceramic	zirconia ceramic	zirconia ceramic
Material: inner adaptor sleeve	SM: zirconia ceramic MM: phosphor bronze	SM: zirconia ceramic MM: phosphor bronze	SM: zirconia ceramic MM: phosphor bronze	SM: zirconia ceramic MM: phosphor bronze
Material: housing plug/coupler	nickel plated zinc alcoy	PBT	PBT	PEI ULTEM
Material: connector body/adaptor body	flame retardnd, elastomer, non halogen	flame retardnd, elastomer, non halogen	flame retardnd, elastomer, non halogen	flame retardnd, elastomer, non halogen
Mating cycle	1000	1000	1000	1000
Operating temperature	min: -40 °C max: +85 °C	min: -40 °C max: +85 °C	min: -40 °C max: +85 °C	min: -40 °C max: +85 °C
Storage temperature	min: -20 °C max: +65 °C	min: -20 °C max: +65 °C	min: -20 °C max: +65 °C	min: -20 °C max: +65 °C
Optical Properties				
Insertion loss: connector	< 0.2 dB	< 0.2 dB	< 0.2 dB	< 0.2 dB
Return loss	SM PC : > 35 dB MM PC: > 25 dB	SM PC : > 35 dB MM PC: > 25 dB	SM PC : > 35 dB MM PC: > 25 dB	SM PC : > 35 dB MM PC: > 25 dB

E2000 Coupler, Simplex

- acc. IEC61754-15, DIN EN 186270
- Singlemode
- Polymer housing (PBT); fiber-glass reinforced (LSOH)
- Zirkonia ceramic ferrule
- 8° APC
- Color green



204855 / ALWL-E2000

R&M, simplex, 8° APC singlemode, ceramic ferrule, green color, incl. mounting screws

273783 / ALWL-E2000-1

Diamond 0,1dB, simplex, 8° APC singlemode, ceramic ferrule, with snap in / Clip (A), green color, diamond P.Nr. 1047202

313656 / ALWL-E2000-2

Diamond 0,1dB, simplex, 8° APC singlemode, ceramic ferrule, , green color, incl. mounting screws, diamond P.Nr. 1047201

338833 / ALWL-E2000-3

Diamond 0,1dB, simplex, 8° APC singlemode, ceramic ferrule, with snap in / Clip (A), green color, diamond P.Nr. 1013707

339298 / ALWL-E2000-4

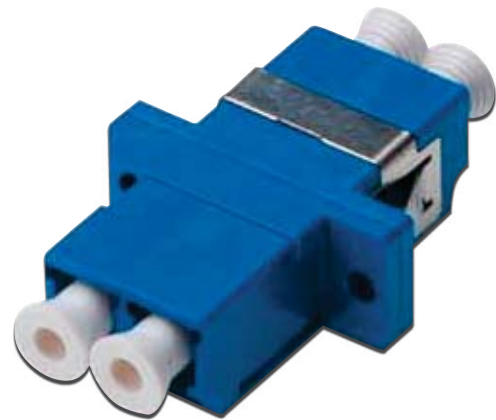
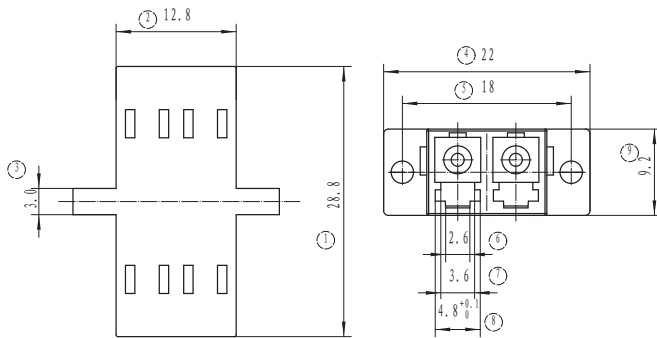
Diamond 0,1dB, simplex, 8° APC singlemode, ceramic ferrule, with snap in / Clip (A), green color, diamond P.Nr. 1013707

343783 / ALWL-E2000-5

Diamond, 8° APC singlemode, attenuation cell 10 dB, simplex, ceramic Ferrule, green color, diamond P. Nr. AOAF-LSH-202V210

LC / LC Coupler, Duplex

- LC / LC
- Duplex
- Zirconia ceramic ferrule
- Polymer housing
- Incl. fixing material



335764 / DN-96007-1

LC / LC coupler, singlemode, ceramic ferrule, blue

335870 / DN-96008-1

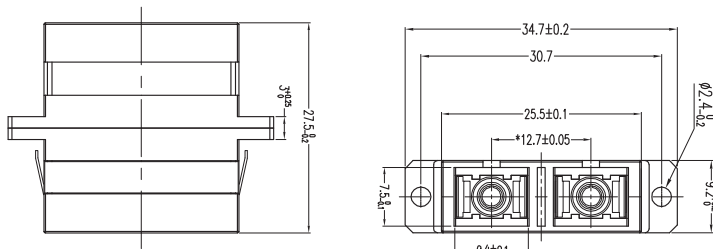
LC / LC coupler, multimode, ceramic ferrule, grey

335917 / DN-96009-1

LC / LC coupler, multimode, ceramic ferrule, aqua

SC / SC Coupler, Duplex

- SC / SC
- Duplex
- Zirkonia ceramic ferrule
- Polymer housing
- Incl. fixing material



335634 / DN-96003-1

SC / SC coupler, singlemode, ceramic ferrule, blue

335665 / DN-96004-1

SC / SC coupler, multimode, ceramic ferrule, grey

335689 / DN-96005-1

SC / SC coupler, multimode, ceramic ferrule, aqua

335733 / DN-96006-1

SC / SC coupler, multimode, ceramic ferrule, metal housing

336037 / DN-96013-1

SC / PC duplex coupler, singlemode, ceramic ferrule, metal housing

336044 / DN-96014-1

SC / APC duplex coupler, singlemode, ceramic ferrule, metal housing

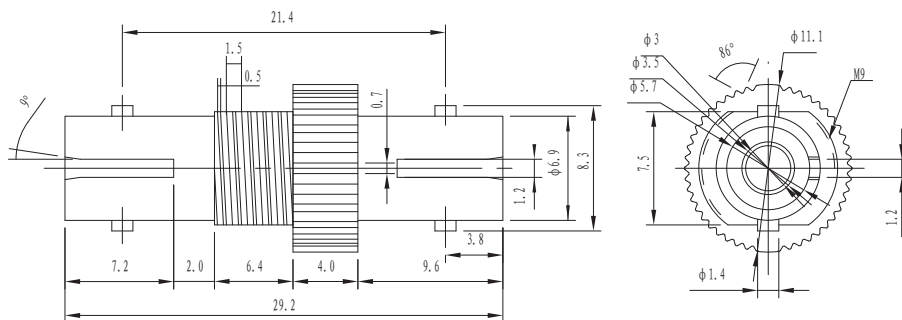
336051 / DN-96015-1

SC / PC duplex coupler, singlemode, ceramic ferrule, metal housing



ST / ST Coupler, Simplex

- ST / ST
- Simplex
- Zirconia ceramic ferrule
- Metal housing
- Yellow dust protection caps
- Incl. fixing material

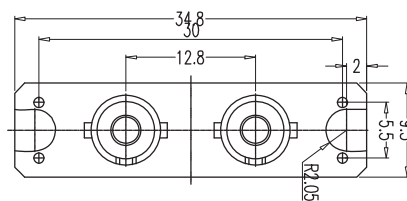
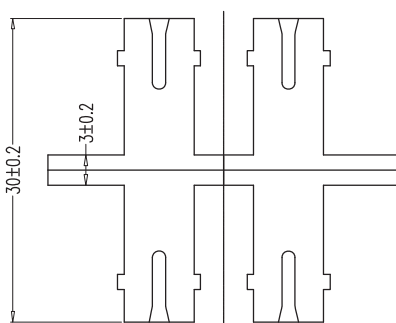


335597 / DN-96001-1
ST / ST coupler, singlemode, ceramic ferrule

335610 / DN-96002-1
ST / ST coupler, multimode, ceramic ferrule

ST / ST Coupler, Duplex

- ST / ST
- Duplex
- Zirconia ceramic ferrule
- Metal housing
- Dust protection caps
- Incl. fixing material

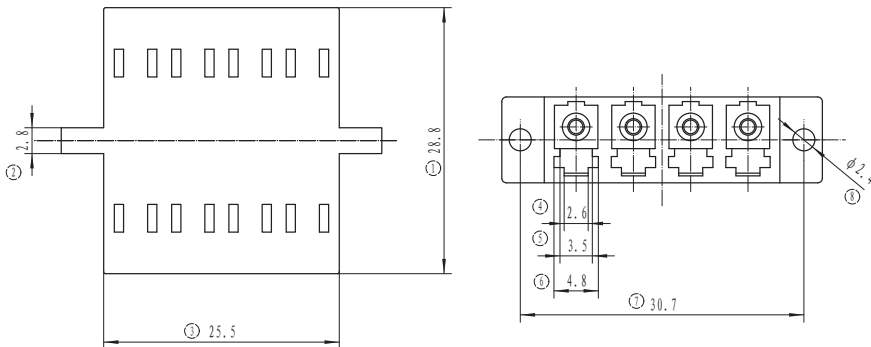
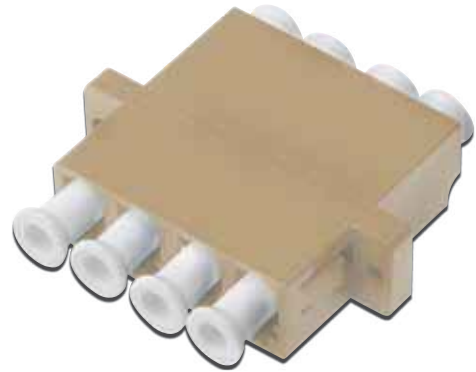


342076 / DN-96020-1
ST / ST duplex coupler, multimode, ceramic ferrule, metal housing

342489 / DN-96021-1
ST / ST coupler, singlemode, ceramic ferrule, metal housing

LC / LC Quad Coupler (4-Port)

- LC / LC
- Quad (4-port)
- Multimode
- Polymer housing
- Zirconia ceramic ferrule
- Incl. fixing material



335979 / DN-96010-1

LC / LC quad coupler, ceramic ferrule, beige

336013 / DN-96011-1

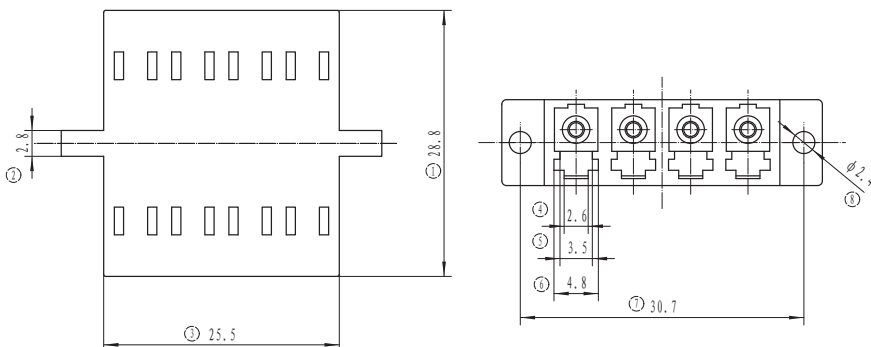
LC / LC quad coupler, ceramic ferrule, aqua

336020 / DN-96012-1

LC / LC quad coupler, ceramic ferrule, blue

LC / LC Quad Coupler (4-Port)

- LC / LC
- Quad (4-port)
- Metal housing
- Plastic housing
- Zirconia ceramic ferrule
- Incl. fixing material



336068 / DN-96016-1

LC / LC quad coupler, ceramic ferrule, singlemode, metal housing

336075 / DN-96017-1

LC / LC quad coupler, ceramic ferrule, multimode, metal housing

DIGITUS® ST Keystone Frame for Patch Panels

The fiber optic solution for modular patch panels

- Keystone frame for ST couplers, grey
- Color: grey or black



Application example



342243 / DN-BLIND-ST

Keystone frame for ST couplers, grey

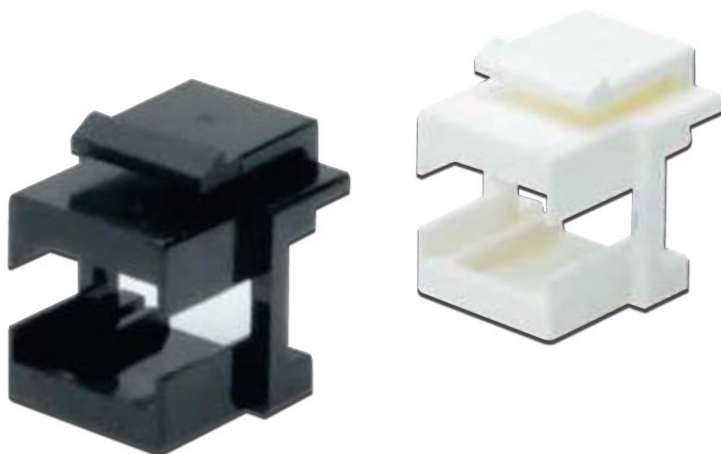
342250 / DN-BLIND-ST-B

Keystone frame for ST couplers, black

DIGITUS LC Keystone Frame for Patch Panels

The fiber optic solution for modular patch panels

- Keystone frame for LC couplers, grey
- Color: grey or black



Application example



342274 / DN-BLIND-LC

Keystone frame for LC couplers, grey

342267 / DN-BLIND-LC-B

Keystone frame for LC couplers, black

LC Duplex Connectors



- Standard connector acc. IEC 61754-20 2002
- Operating temperature: -25°C ~ +80°C
- Storage temperature: -20°C ~ +65°C
- Insertion loss MM PC: max. 0.4 dB
- Return loss MM PC: > 25 dB
- Male, crimping sleeve and tension relief
- Polymer housing
- Clamp for LC connector
- Zirconia ceramic ferrule



133742 / ALWL-LCD
LC duplex connector

ST Simplex Connectors

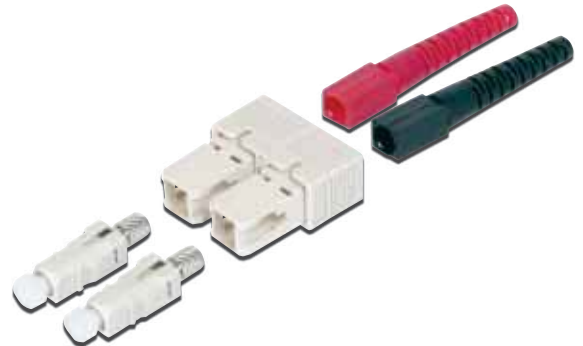


- Standard connector acc. IEC 61754-2 1996
- Operating temperature: -25°C ~ +80°C
- Storage temperature: -20°C ~ +65°C
- Insertion loss MM PC: max. 0.4 dB
- Return loss MM PC: > 25 dB
- Male, crimping sleeve and tension relief
- Metall case
- Zirconia ceramic ferrule
- Kink protection boot, black



007616 / ALWL-ST
ST multimode connector, phosphor bronze, black boot

SC Duplex Connectors



- Standard connector acc. IEC 61754-4 2002
- Operating temperature: -25°C ~ +80°C
- Storage temperature: -20°C ~ +65°C
- Insertion loss MM PC: max. 0.4 dB
- Return loss MM PC: > 25 dB
- Male, crimping sleeve and tension relief
- Polymer housing
- Zirconia ceramic ferrule



007555 / ALWL-SCD
SC multimode, phosphor bronze ferrule, black/red color boots

179030 / ALWL-SCD-9
Singlemode, zirconia ferrule, blue color boot

SC Pre-Polished Fiber Optic Connectors MM 50 µm



Reduce your costs - Assembly time less than 45sec after preparing fiber ends.

- Zirconia ceramic ferrule
- Diameter tight buffer: 900 µm
- Diameter cable jacket: 2.0 mm / 3.0 mm and 250 µm on request
- Insertion loss: ~ 0.1 db
- Return loss: ~ ≥ 50 db
- Assembly time: ≤ 45 sec
- Tension force tight buffer: 4.9 N (900 µm)
- Tension force jacket cable: 58 N (3.0 mm)



301240 / ALWL-SCOPTOFAST-M50
900 µm pr-epolished SC FO-connector MM beige

301233 / ALWL-SCOPTOFAST-M62
900 µm pr-epolished SC FO-connector MM beige

DIGITUS® Faceplate for LC Duplex, SC Simplex, E2000 Simplex

- Faceplate for fiber optic couplers
- For LC duplex, SC simplex, E2000 simplex
- Dimension: 86 x 86 mm
- With description field
- Color: pure white



349310 / DN-9310-86-LC

Faceplate for LC duplex, SC simplex, E2000 simplex

DIGITUS® Faceplate for SC Duplex

- Faceplate for fiber optic couplers
- For SC duplex
- Dimension: 86 x 86 mm
- With description field
- Color: pure white

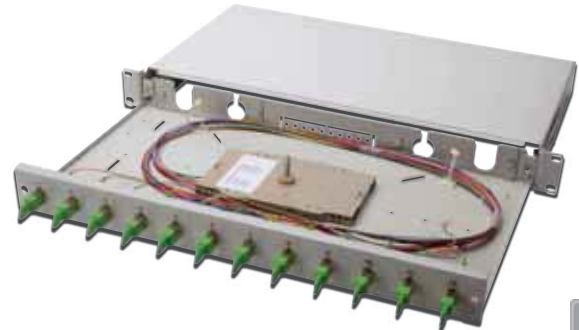


349303 / DN-9310-86-SC

Faceplate for SC duplex

DIGITUS® Fiber Optic Splice Box, Equipped, E2000 (APC), Diamond

- Completely prefabricated, fiber pigtails exposed and inserted into the splice cassette(s)
- Colored pigtails
- Couplers with zirconia ceramic ferrule
- With E2000 diamond APC pigtail
- With E2000 diamond APC couplers
- Carrier housing made of 1.5 mm sheet steel, varnished
- 1 unit (44.45 mm)
- 483 mm width (19")
- 280 mm depth
- PG 16 screw, cassette, cassette cover and strain relief included
- Sliding

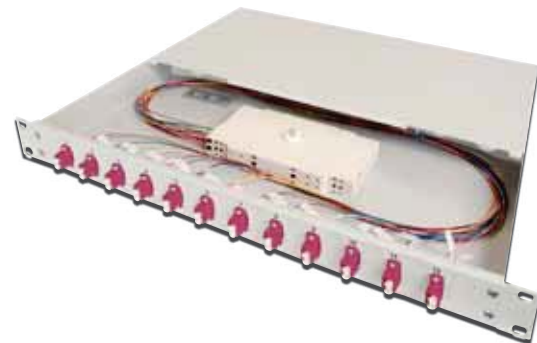


339458 / DN-96341/9
12x E2000 (APC) simplex, multimode OS2

349556 / DN-96342/9
24x E2000 (APC) simplex, multimode OS2

DIGITUS® Fiber Optic Splice Box, Equipped, LC, OM4

- Completely prefabricated, fiber pigtails exposed and inserted into the splice cassette(s)
- Colored pigtails
- Couplers with zirconia ceramic ferrule
- Adapters in polymer housing
- Carrier housing made of 1.5 mm sheet steel, varnished
- 1 unit (44.45 mm)
- 483 mm width (19")
- 280 mm depth
- PG 16 screws, cassette and cassette cover, splice holder and strain relief included
- Sliding



325703 / DN-96330-4
6x LC duplex, multimode OM4

320746 / DN-96331-4
12x LC duplex, multimode OM4

320760 / DN-96332-4
24x LC duplex, multimode OM4

DIGITUS® Fiber Optic Splice Box, Equipped, SC, OM4

- Completely prefabricated, fiber pigtails exposed and inserted into the splice cassette(s)
- Colored pigtails
- Couplers with zirconia ceramic ferrule
- Adapters in polymer housing
- Carrier housing made of 1.5 mm sheet steel, varnished
- 1 unit (44.45 mm)
- 483 mm width (19")
- 280 mm depth
- PG 16 screws, cassette and cassette cover, splice holder and strain relief included
- Sliding



343813 / DN-96320-4
6x SC duplex, multimode OM4

325796 / DN-96321-4
12x SC duplex, multimode OM4

325802 / DN-96322-4
24x SC duplex, multimode OM4

DIGITUS® Fiber Optic Splice Box, Equipped, LC, OM2

- Completely prefabricated, fiber pigtailed exposed and inserted into the splice cassette(s)
- Colored pigtailed
- Couplers with zirconia ceramic ferrule
- Adapters in polymer housing
- Carrier housing made of 1.5 mm sheet steel, varnished
- 1 unit (44.45 mm)
- 483 mm width (19")
- 280 mm depth
- PG 16 screws, cassette and cassette cover, splice holder and strain relief included
- Sliding



278405 / DN-96330
6x LC duplex, multimode, OM2

278436 / DN-96331
12x LC duplex, multimode, OM2

278467 / DN-96332
24x LC duplex, multimode, OM2

DIGITUS® Fiber Optic Splice Box, Equipped, LC, OM3

- Completely prefabricated, fiber pigtailed exposed and inserted into the splice cassette(s)
- Colored pigtailed
- Couplers with zirconia ceramic ferrule
- Adapters in polymer housing
- Carrier housing made of 1.5 mm sheet steel, varnished
- 1 unit (44.45 mm)
- 483 mm width (19")
- 280 mm depth
- PG 16 screws, cassette and cassette cover, splice holder and strain relief included
- Sliding



278412 / DN-96330/3
6x LC duplex, multimode, OM3

278443 / DN-96331/3
12x LC duplex, multimode, OM3

278474 / DN-96332/3
24x LC duplex, multimode, OM3

DIGITUS® Fiber Optic Splice Box, Equipped, LC, OS2

- Completely prefabricated, fiber pigtailed exposed and inserted into the splice cassette(s)
- Colored pigtailed
- Couplers with zirconia ceramic ferrule
- Adapters in polymer housing
- Carrier housing made of 1.5mm sheet steel, varnished
- 1 unit (44.45 mm)
- 483 mm width (19")
- 280 mm depth
- PG 16 screws, cassette and cassette cover, splice holder and strain relief included
- Sliding



278429 / DN-96330/9
6x LC duplex, singlemode, OS1

278450 / DN-96331/9
12x LC duplex, singlemode, OS1

278481 / DN-96332/9
24x LC duplex, singlemode, OS1

DIGITUS® Fiber Optic Splice Box, Equipped, SC, OM2

- Completely prefabricated, fiber pigtails exposed and inserted into the splice cassette(s)
- Colored pigtails
- Couplers with zirconia ceramic ferrule
- Adapters in polymer housing
- Carrier housing made of 1.5 mm sheet steel, varnished
- 1 unit (44.45 mm)
- 483 mm width (19")
- 280 mm depth
- PG 16 screws, cassette and cassette cover, splice holder and strain relief included
- Sliding



278313 / DN-96320
6x SC duplex, multimode, OM2

278344 / DN-96321
12x SC duplex, multimode, OM2

278375 / DN-96322
24x SC duplex, multimode, OM2

DIGITUS® Fiber Optic Splice Box, Equipped, SC, OM3

- Completely prefabricated, fiber pigtails exposed and inserted into the splice cassette(s)
- Colored pigtails
- Couplers with zirconia ceramic ferrule
- Adapters in polymer housing
- Carrier housing made of 1.5 mm sheet steel, varnished
- 1 unit (44.45 mm)
- 483 mm width (19")
- 280 mm depth
- PG 16 screws, cassette and cassette cover, splice holder and strain relief included
- Sliding



278320 / DN-96320/3
6x SC duplex, multimode, OM3

278351 / DN-96321/3
12x SC duplex, multimode, OM3

278382 / DN-96322/3
24x SC duplex, multimode, OM3

DIGITUS® Fiber Optic Splice Box, Equipped, SC, OS2

- Completely prefabricated, fiber pigtails exposed and inserted into the splice cassette(s)
- Colored pigtails
- Couplers with zirconia ceramic ferrule
- Adapters in polymer housing
- Carrier housing made of 1.5 mm sheet steel, varnished
- 1 unit (44.45 mm)
- 483 mm width (19")
- 280 mm depth
- PG 16 screws, cassette and cassette cover, splice holder and strain relief included
- Sliding



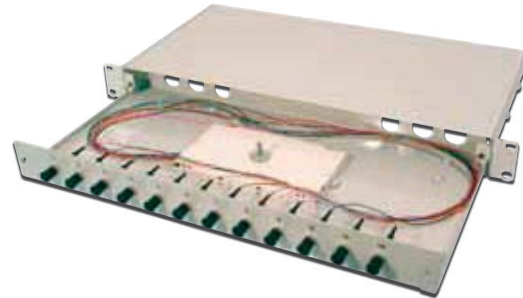
278337 / DN-96320/9
6x SC duplex, singlemode, OS2

278368 / DN-96321/9
12x SC duplex, singlemode, OS2

278399 / DN-96322/9
24x SC duplex, singlemode, OS2

DIGITUS® Fiber Optic Splice Box, Equipped, ST, OM2

- Completely prefabricated, fiber pigtails exposed and inserted into the splice cassette(s)
- Colored pigtails
- Couplers with zirconia ceramic ferrule
- Adapters in metal housing
- Carrier housing made of 1.5 mm sheet steel, varnished
- 1 unit (44.45 mm)
- 483 mm width (19")
- 280 mm depth
- PG 16 screws, cassette and cassette cover, splice holder and strain relief included
- Sliding



278245 / DN-96310
12x ST simplex, multimode OM2

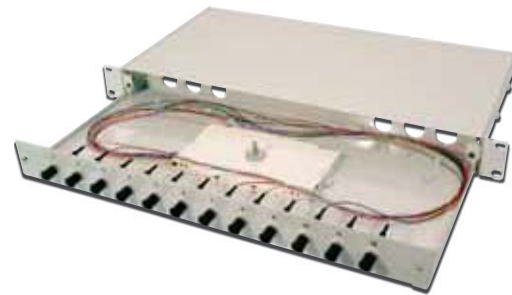
278269 / DN-96311
24x ST simplex, multimode OM2

350361 / DN-96312
12x ST duplex, multimode OM2

350354 / DN-96313
24x ST duplex, multimode OM2

DIGITUS® Fiber Optic Splice Box, Equipped, ST, OM3

- Completely prefabricated, fiber pigtails exposed and inserted into the splice cassette(s)
- Colored pigtails
- Couplers with zirconia ceramic ferrule
- Adapters in metal housing
- Carrier housing made of 1.5mm sheet steel, varnished
- 1 unit (44.45 mm)
- 483 mm width (19")
- 280 mm depth
- PG 16 screws, cassette and cassette cover, splice holder and strain relief included
- Sliding



278283 / DN-96310/3
12x ST simplex, multimode OM3

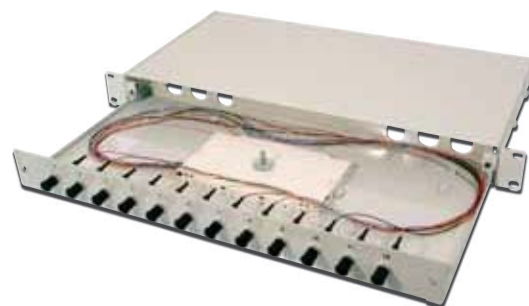
278276 / DN-96311/3
24x ST simplex, multimode OM3

342458 / DN-96312/3
12x ST duplex, multimode OM3

342465 / DN-96313/3
24x ST duplex, multimode OM3

DIGITUS® Fiber Optic Splice Box, Equipped, ST, OS2

- Completely prefabricated, fiber pigtails exposed and inserted into the splice cassette(s)
- Colored pigtails
- Couplers with zirconia ceramic ferrule
- Adapters in metal housing
- Carrier housing made of 1.5 mm sheet steel, varnished
- 1 unit (44.45 mm)
- 483 mm width (19")
- 280 mm depth
- PG 16 screws, cassette and cassette cover, splice holder and strain relief included
- Sliding



278290 / DN-96310/9
12x ST simplex, singlemode OS2

278306 / DN-96311/9
24x ST simplex, singlemode OS2

342472 / DN-96312/9
12x ST duplex, singlemode OS2

350378 / DN-96313/9
24x ST duplex, singlemode OS2

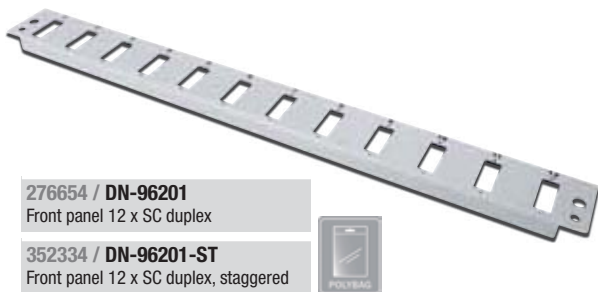


Fiber Optic Splice Boxes

Modular Fiber Optic Splice Box Series

- Unassembled, without front panel
- Carrier housing made of 1.5 mm sheet steel, varnished
- Color: gray (RAL 7035)
- Holder for splice cassettes
- Punched out ground to fix pigtails
- 4 PG entries and 2 cable entries
- PG 16 screws and mounting material included in delivery

Basic Housing	Front Panel
DN-96200	DN-96201 (12x SC duplex)
	DN-96201-ST (12x SC duplex)
	DN-96202 (24x SC duplex)
	DN-96204 (12x ST simplex)
	DN-96205 (24x ST simplex)
	DN-96205-ST (24x ST simplex)
	DN-96206 (12x SC simplex)
	DN-96207 (24x SC simplex)
	DN-96207-ST (24x SC simplex)

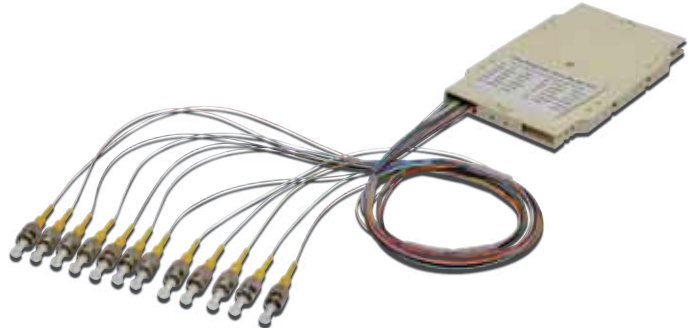


Splice Cassette with 12 Pigtailed, Pre-Assembled, ST

The pre-assembled cassettes with the already prepared pigtailed have the correct length and are arranged according to color code IEC 60 304. A sticker on the top shows the used color code for the pigtailed. Every cassette contains one test protocol for the pigtail set and guaranteed the best quality and performance for you network.

- Splice cassette with 12 pigtailed; pre-assembled
- ST (UPC); multimode 50/125 μ OM2
- Colored pigtailed; LSOH

319290 / A-96511-02-UPC ST (UPC); multimode 50/125 μ OM2
319320 / A-96511-02-UPC-3 ST (UPC); multimode 50/125 μ OM3
319351 / A-96511-02-UPC-4 ST (UPC); multimode 50/125 μ OM4
319184 / A-96911-02-APC ST (APC); singlemode 9/125 μ OS2
319146 / A-96911-02-UPC ST (UPC); singlemode 9/125 μ OS2
319214 / A-96611-02-UPC ST (UPC); multimode 62.5/125 μ OM1

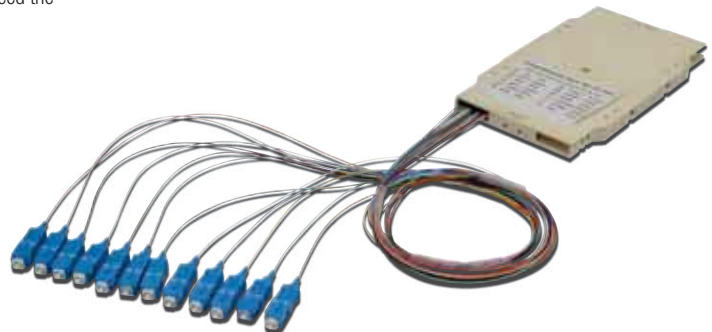


Splice Cassette with 12 Pigtailed; Pre-Assembled, SC

The pre-assembled cassettes with the already prepared pigtailed have the correct length and are arranged according to color code IEC 60 304. A sticker on the top shows the used color code for the pigtailed. Every cassette contains one test protocol for the pigtail set and guaranteed the best quality and performance for you network.

- Splice cassette with 12 pigtailed; pre-assembled
- SC (UPC); multimode 50/125 μ OM2
- Colored pigtailed; LSOH

319283 / A-96522-02-UPC SC (UPC); multimode 50/125 μ OM2
319313 / A-96522-02-UPC-3 SC (UPC); multimode 50/125 μ OM3
319344 / A-96522-02-UPC-4 SC (UPC); singlemode 9/125 μ OM4
319177 / A-96922-02-APC SC (APC); singlemode 9/125 μ OS2
319139 / A-96922-02-UPC SC (UPC); singlemode 9/125 μ OS2
319207 / A-96622-02-UPC SC (UPC); multimode 62.5/125 μ OM1

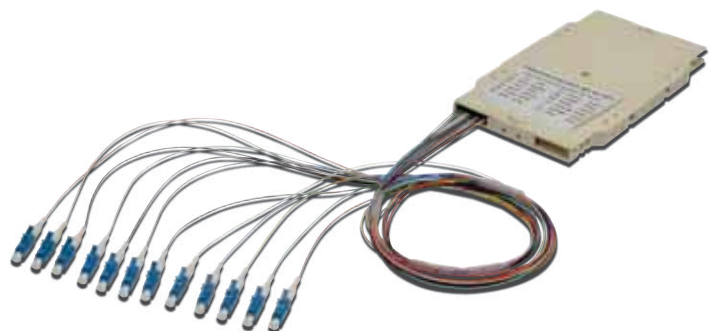


Splice Cassette with 12 Pigtailed, Pre-Assembled, LC

The pre-assembled cassettes with the already prepared pigtailed have the correct length and are arranged according to color code IEC 60 304. A sticker on the top shows the used color code for the pigtailed. Every cassette contains one test protocol for the pigtail set and guaranteed the best quality and performance for you network.

- Splice cassette with 12 pigtailed; pre-assembled
- LC (UPC); multimode 50/125 μ OM2
- Colored pigtailed; LSOH

319306 / A-96533-02-UPC LC (UPC); multimode 50/125 μ OM2
319337 / A-96533-02-UPC-3 LC (UPC); multimode 50/125 μ OM3
319368 / A-96533-02-UPC-4 LC (UPC); multimode 50/125 μ OM4
319191 / A-96933-02-APC LC (APC); singlemode 9/125 μ OS2
319160 / A-96933-02-UPC LC (UPC); singlemode 9/125 μ OS2
319221 / A-96633-02-UPC LC (UPC); multimode 62.5/125 μ OM1





Fiber Optic Cable Marking Sleeves

DIGITUS® Cable Marking Sleeves

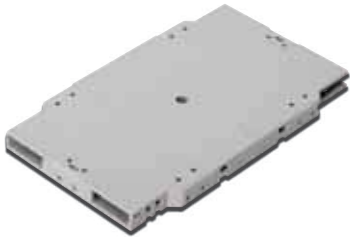
The cable marking sleeves fit completely on the cable.
 Assembly without tools: The oval shape retains the stability.

- Material: Soft PVC
- Length: 6 mm
- Operating temperature: -20 to +90°C
- Hard shore A: 80 ± 5
- Tensile strength: 18 MPa
- Elongation at break: 250 %
- Dielectric strength: > 20 kV/mm
- Fire behavior: V0 UL94
- Use: Labeling of cables with an outer-Ø of 0.6 to 8 mm (e.g. fiber pigtails)



Description	Article Number	Color/Imprint
Cable marking sleeves without imprint	DN-FO-CMS/BL	● black
	DN-FO-CMS	● grey
	DN-FO-CMS/R	● red
	DN-FO-CMS/B	● blue
	DN-FO-CMS/Y	● yellow
	DN-FO-CMS/VI	● violet
	DN-FO-CMS/G	● green
	DN-FO-CMS/OR	● orange
	DN-FO-CMS/WH	● white
	DN-FO-CMS/TK	● turquoise
	DN-FO-CMS/BR	● brown
	DN-FO-CMS/RO	● pink
Cable marking sleeves with imprint	DN-FO-CMS/BL-0	● black / 0
	DN-FO-CMS-8	● grey / 8
	DN-FO-CMS/R-2	● red / 2
	DN-FO-CMS/B-6	● blue / 6
	DN-FO-CMS/Y-4	● yellow / 4
	DN-FO-CMS/VI-7	● violet / 7
	DN-FO-CMS/G-5	● green / 5
	DN-FO-CMS/OR-3	● orange / 3
	DN-FO-CMS/WH-9	● white / 9
	DN-FO-CMS/BR-1	● brown / 1

Splice Cassette for 12 Fibers



Different cable entries allow an optimal core connection.

- Suitable for up to 12 fiber cores
- Inclusive cover and splice comb
- Splice holder for 12 x crimp splice protector



285298 / DN-96103
Splice cassette for 12 fibers

266501 / DN-96101
2 x 6C splice comp for shrinkable tubings

Strain Relief for Optical Fibers



Suitable for 12 fibers in splice cassette



279440 / DN-96102
Strain relief for optical fibers

Mechanical Splice for Optical Fiber 250 µm up to 900 µm



Reduce your costs - Assembly time less than 45 sec after preparing fiber ends.

- Usable for 125 µm fiber with outer diameter cladding 900/900 µm and 250/900 µm
- Transparent body for immediate connection confirmation
- Applicable for optical fiber cable joint and FTTH drop cable
- Usable inside and outside of buildings



301257 / ALWL-SPM-21-1
Mechanical splice - 900/900;250/900 µm

301264 / ALWL-SPM-31-1
Mechanical splice - 900/900 µm, 250/900 µm, 250/250 µm

Crimp Splice Protection



Sandwich splice protection for fiber core.

- Dimensions: 1.2 x 3.2 x 30 mm



007364 / AL-SK3
Crimp splice protection, set 12 pcs.

Fiber Blind Plate



- Used in termination boxes to cover ports not used
- Avoids dust and dirt in termination boxes
- Shipment: 100 pcs. per polybag
- Material: plastic, black



262848 / AL-BP-ST
ST simplex blind plate

Fiber Blind Plate



- Used in termination boxes to cover ports not used
- Avoids dust and dirt in termination boxes
- Shipment: 100 pcs. per poly bag
- Material: plastic, black



262862 / AL-BP-SCD
SC duplex blind plate

Splice Holder

Special splice holder for mechanical splice

- For 6 mechanical splices
- For ALWL-SPM-21 and ALWL-SPM-31
- For mounting in ALWL-SC2AP



305866 / ALWL-SHM-06
for ALWL-SPM-21 and ALWL-SPM-31

Fiber Optic ST/UPC Singlemode Attenuator



Excellent optical performance. Backward compatible with existing transmission equipment.

- Excellent optical performance
- Attenuation level: 1dB
- Low reflection to meet stringent transmission equipment
- Backward compatible with existing transmission equipment
- Other attenuations up to 20 dB only on request



302315 / ALWL-ST-UPC-S-1
Fiber optic ST/UPC singlemode attenuator

306030 / ALWL-ST-UPC-M-1
Fiber optic ST/UPC multimode attenuator

302339 / ALWL-ST-APC-S-1
Fiber optic ST/APC singlemode attenuator

306047 / ALWL-ST-APC-M-1
Fiber optic ST/APC multimode attenuator

Fiber Optic SC/UPC Singlemode Attenuator



Excellent optical performance. Backward compatible with existing transmission equipment.

- Excellent optical performance
- Attenuation level: 1dB
- Low reflection to meet stringent transmission equipment
- Backward compatible with existing transmission equipment
- Other attenuations up to 20 dB only on request



302360 / ALWL-SC-UPC-S-1
Fiber optic SC/UPC singlemode attenuator

306092 / ALWL-SC-UPC-M-1
Fiber optic SC/UPC multimode attenuator

302377 / ALWL-SC-APC-S-1
Fiber optic SC/APC singlemode attenuator

306108 / ALWL-SC-APC-M-1
Fiber optic SC/APC multimode attenuator

Fiber Optic FC/UPC Singlemode Attenuator



Excellent optical performance. Backward compatible with existing transmission equipment.

- Excellent optical performance
- Attenuation level: 1dB
- Low reflection to meet stringent transmission equipment
- Backward compatible with existing transmission equipment
- Other attenuations up to 20 dB only on request



302346 / ALWL-FC-UPC-S-1
Fiber optic FC/UPC singlemode attenuator

306061 / ALWL-FC-UPC-M-1
Fiber optic FC/UPC multimode attenuator

302353 / ALWL-FC-APC-S-1
Fiber optic FC/APC singlemode attenuator

306078 / ALWL-FC-APC-M-1
Fiber optic SC/APC multimode attenuator

Fiber Optic LC/UPC Singlemode Attenuator



Excellent optical performance. Backward compatible with existing transmission equipment.

- Excellent optical performance
- Attenuation level: 1dB
- Low reflection to meet stringent transmission equipment
- Backward compatible with existing transmission equipment
- Other attenuations up to 20 dB only on request



302384 / ALWL-LC-UPC-S-1
Fiber optic LC/UPC singlemode attenuator

306115 / ALWL-LC-UPC-M-1
Fiber optic LC/UPC multimode attenuator

302391 / ALWL-LC-APC-S-1
Fiber optic LC/APC singlemode attenuator

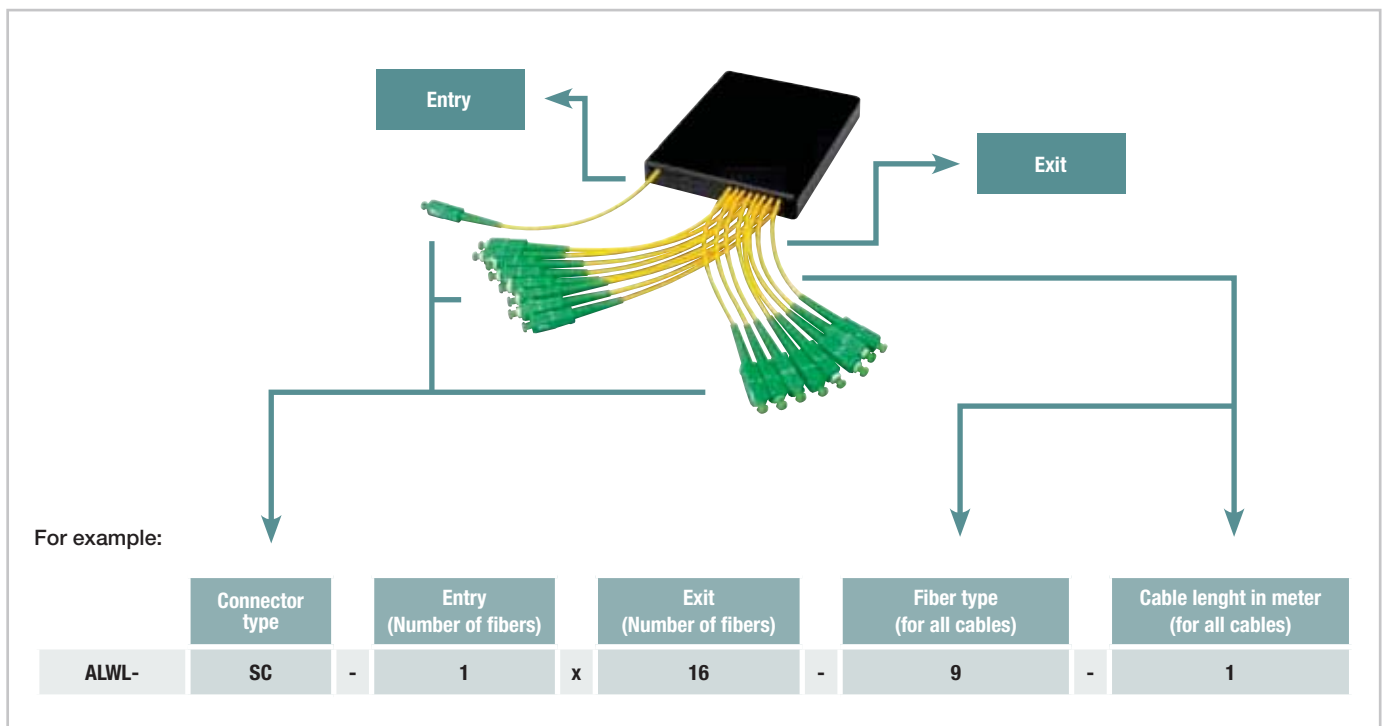
306122 / ALWL-LC-APC-M-1
Fiber optic LC/APC multimode attenuator

Fiber Optic Splitter (PLC)

The (PLC) splitter is a compact device for high demand in the network area. Its features, and the contained performances, make this device to an reliable and indispensable aide in the IT business.

Planar lightwave circuit (PLC) splitter is a type of optical power management device that is fabricated using silica optical waveguide technology. It features small size, high reliability, wide operating wavelength range and good channel-to-channel uniformity, and is widely used in PON networks to realize optical signal power splitting. All products meet GR-1209-CORE and GR-1221-CORE requirements.

- Low insertion loss
- Low PDL
- Good channel-to-channel uniformity
- Compact design
- Wide operating wavelength: From 1260 nm to 1650 nm
- Wide operating temperature: From -40°C to 85°C
- High reliability and stability
- Applications: FTTX Systems, PON Networks, CATV Links, Optical Signal Distribution
- Compliance: Telcordia GR-1209-CORE, Telcordia GR-1221-CORE, RoHS



Available Connector types:

Connector:	SC	SC		FC	FC		LC	LC		ST	ST		E2000	E2000
Polish:	APC	UPC		APC	UPC		APC	UPC		APC	UPC		APC	UPC
Connector type:	SCA	SC		FCA	FC		LCA	LC		STA	ST		E2A	E20

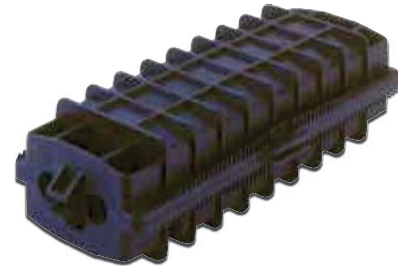
Available Fiber types:

9	=	OS2	Singlemode 9/125
1	=	OM1	Multimode 62,5/125
2	=	OM2	Multimode 50/125
3	=	OM3	Multimode 50/125
4	=	OM4	Multimode 50/125

3M™ Fiber Optic Sleeve

The 3M™ glass fiber sleeve was designed and developed on the basis of the proven 3M™ sealing technology. It is made of plastic molded parts and Mastix sealant. The key sliding closure enables fast and easy closing of the sleeve. The closing mechanism enables short installation times and easy opening and closing of the sleeve. No special tools are required to open and close the sleeve.

- Compact dimensions (44.7 x 17.5 x 10.7 cm)
- Capacity of up to 48 fibers/200 copper-DA
- Many different splice versions/splice protection versions are supported: Shrinking splice protection, crimping wear protection, Fibrok™
- Proven sealing technology
- Available as a complete set
- Key slide closure



352396 / ALWL-SLEEVE-48
3M™ Fiber optic sleeve, for up to 48 fibers

Universal Inline Sleeve UCAO

The sleeve UCAO (Universal Closure Fast Access for Optical Cables) protects splices at FOC connector, derivation and fanouts. In addition, it offers an excellent cable catch and room for storing buffered fiber excess lengths. It can be mounted on all common cable cladding and is suitable for shaft, grounded and aerial cable mounting. Due to its compact design, it is especially suited for connecting splitter cables with a low to middle number of fibers. The sleeve is to be mounted without special tools and can be opened and closed again very fast and easy.

- Can be used in soil, in shafts and in aerial cable lines
- Suitable for connection and derivation cables
- Faster and easier access to splice trays
- Suitable for up to 60 splices
- Reusable silicone seal



352457 / DN-UCAO-SLEEVE-E-60
UCAO sleeve with earthing duct

352495 / DN-UCAO-SLEEVE-60
UCAO sleeve without earthing duct

Fiber Optic Universal Sleeve

The universal sleeve is a fully mechanical cable sleeve for up to 24 FOC splice connections. It is very easy – without special tools – to mount and is used anywhere that glass fiber cables must be fast and easily connected.

- Complies with the IP68 standard
- Length incl. PG screw connection: 32.5 cm
- Diameter: 6.8 cm
- Suitable for glass fiber cables up to max. 24 fibers and max. 10 mm diameter
- Integrated splice carrier for storage of up to 24 splice protective elements (24 x crimping or 24 x heat-shrink splice protectors)



352518 / DN-SLEEVE-U-C-24
Universal sleeve with crimp splice protection

352532 / DN-SLEEVE-U-S-24
Universal sleeve with shrink splice protection

Fiber Optic MTP®/MPO OM4 Cable



MPO Patch Cable

The MPO patch cable allows data rates of 40 Gb/s or 100 Gb/s and is the answer of the needed growing bandwidths of datacenters.

The standardized IEC61754-7 und TIA/EIA 604-5 MPO plug guaranteed the best performance in the whole network and is hardly larger than a standard RJ45 plug.

The excellent damping and the compact design makes this patchcord to the first choice, if we talk about bandwidth and performance.



Article Number	Fiber Type	Polish	Length	Color		
				Housing	Jacket	
DK-2966-01	OS2, Singlemode 09/125 µ	APC	1 m	green	yellow	Female
DK-2966-02	OS2, Singlemode 09/125 µ	APC	2 m	green	yellow	
DK-2966-03	OS2, Singlemode 09/125 µ	APC	3 m	green	yellow	
DK-2966-05	OS2, Singlemode 09/125 µ	APC	5 m	green	yellow	
DK-2966-10	OS2, Singlemode 09/125 µ	APC	10 m	green	yellow	
DK-2966-15	OS2, Singlemode 09/125 µ	APC	15 m	green	yellow	
DK-2966-20	OS2, Singlemode 09/125 µ	APC	20 m	green	yellow	
DK-2966-25	OS2, Singlemode 09/125 µ	APC	25 m	green	yellow	
DK-2966-30	OS2, Singlemode 09/125 µ	APC	30 m	green	yellow	
DK-2966-35	OS2, Singlemode 09/125 µ	APC	35 m	green	yellow	
DK-2966-40	OS2, Singlemode 09/125 µ	APC	40 m	green	yellow	
DK-2966-50	OS2, Singlemode 09/125 µ	APC	50 m	green	yellow	
DK-2966-60	OS2, Singlemode 09/125 µ	APC	60 m	green	yellow	
DK-2966-70	OS2, Singlemode 09/125 µ	APC	70 m	green	yellow	
DK-2966-80	OS2, Singlemode 09/125 µ	APC	80 m	green	yellow	
DK-2966-90	OS2, Singlemode 09/125 µ	APC	90 m	green	yellow	
DK-2966-100	OS2, Singlemode 09/125 µ	APC	100 m	green	yellow	

Article Number	Fiber Type	Polish	Length	Color		
				Housing	Jacket	
DK-2566-01	OM2, Multimode 50/125 µ	PC	1 m	beige	orange	Female
DK-2566-02	OM2, Multimode 50/125 µ	PC	2 m	beige	orange	
DK-2566-03	OM2, Multimode 50/125 µ	PC	3 m	beige	orange	
DK-2566-05	OM2, Multimode 50/125 µ	PC	5 m	beige	orange	
DK-2566-10	OM2, Multimode 50/125 µ	PC	10 m	beige	orange	
DK-2566-15	OM2, Multimode 50/125 µ	PC	15 m	beige	orange	
DK-2566-20	OM2, Multimode 50/125 µ	PC	20 m	beige	orange	
DK-2566-25	OM2, Multimode 50/125 µ	PC	25 m	beige	orange	
DK-2566-30	OM2, Multimode 50/125 µ	PC	30 m	beige	orange	
DK-2566-35	OM2, Multimode 50/125 µ	PC	35 m	beige	orange	
DK-2566-40	OM2, Multimode 50/125 µ	PC	40 m	beige	orange	
DK-2566-50	OM2, Multimode 50/125 µ	PC	50 m	beige	orange	
DK-2566-60	OM2, Multimode 50/125 µ	PC	60 m	beige	orange	
DK-2566-70	OM2, Multimode 50/125 µ	PC	70 m	beige	orange	
DK-2566-80	OM2, Multimode 50/125 µ	PC	80 m	beige	orange	
DK-2566-90	OM2, Multimode 50/125 µ	PC	90 m	beige	orange	
DK-2566-100	OM2, Multimode 50/125 µ	PC	100 m	beige	orange	

Article Number	Fiber Type	Polish	Length	Color		
				Housing	Jacket	
DK-2566-01/3	OM3, Multimode 50/125 µ	PC	1 m	aqua	aqua	Female
DK-2566-02/3	OM3, Multimode 50/125 µ	PC	2 m	aqua	aqua	
DK-2566-03/3	OM3, Multimode 50/125 µ	PC	3 m	aqua	aqua	
DK-2566-05/3	OM3, Multimode 50/125 µ	PC	5 m	aqua	aqua	
DK-2566-10/3	OM3, Multimode 50/125 µ	PC	10 m	aqua	aqua	
DK-2566-15/3	OM3, Multimode 50/125 µ	PC	15 m	aqua	aqua	
DK-2566-20/3	OM3, Multimode 50/125 µ	PC	20 m	aqua	aqua	
DK-2566-25/3	OM3, Multimode 50/125 µ	PC	25 m	aqua	aqua	
DK-2566-30/3	OM3, Multimode 50/125 µ	PC	30 m	aqua	aqua	
DK-2566-35/3	OM3, Multimode 50/125 µ	PC	35 m	aqua	aqua	
DK-2566-40/3	OM3, Multimode 50/125 µ	PC	40 m	aqua	aqua	
DK-2566-50/3	OM3, Multimode 50/125 µ	PC	50 m	aqua	aqua	
DK-2566-60/3	OM3, Multimode 50/125 µ	PC	60 m	aqua	aqua	
DK-2566-70/3	OM3, Multimode 50/125 µ	PC	70 m	aqua	aqua	
DK-2566-80/3	OM3, Multimode 50/125 µ	PC	80 m	aqua	aqua	
DK-2566-90/3	OM3, Multimode 50/125 µ	PC	90 m	aqua	aqua	
DK-2566-100/3	OM3, Multimode 50/125 µ	PC	100 m	aqua	aqua	

Article Number	Fiber Type	Polish	Length	Color		
				Housing	Jacket	
DK-2566-01/4	OM4, Multimode 50/125 µ	PC	1 m	violet	violet	Female
DK-2566-02/4	OM4, Multimode 50/125 µ	PC	2 m	violet	violet	
DK-2566-03/4	OM4, Multimode 50/125 µ	PC	3 m	violet	violet	
DK-2566-05/4	OM4, Multimode 50/125 µ	PC	5 m	violet	violet	
DK-2566-10/4	OM4, Multimode 50/125 µ	PC	10 m	violet	violet	
DK-2566-15/4	OM4, Multimode 50/125 µ	PC	15 m	violet	violet	
DK-2566-20/4	OM4, Multimode 50/125 µ	PC	20 m	violet	violet	
DK-2566-25/4	OM4, Multimode 50/125 µ	PC	25 m	violet	violet	
DK-2566-30/4	OM4, Multimode 50/125 µ	PC	30 m	violet	violet	
DK-2566-35/4	OM4, Multimode 50/125 µ	PC	35 m	violet	violet	
DK-2566-40/4	OM4, Multimode 50/125 µ	PC	40 m	violet	violet	
DK-2566-50/4	OM4, Multimode 50/125 µ	PC	50 m	violet	violet	
DK-2566-60/4	OM4, Multimode 50/125 µ	PC	60 m	violet	violet	
DK-2566-70/4	OM4, Multimode 50/125 µ	PC	70 m	violet	violet	
DK-2566-80/4	OM4, Multimode 50/125 µ	PC	80 m	violet	violet	
DK-2566-90/4	OM4, Multimode 50/125 µ	PC	90 m	violet	violet	
DK-2566-100/4	OM4, Multimode 50/125 µ	PC	100 m	violet	violet	

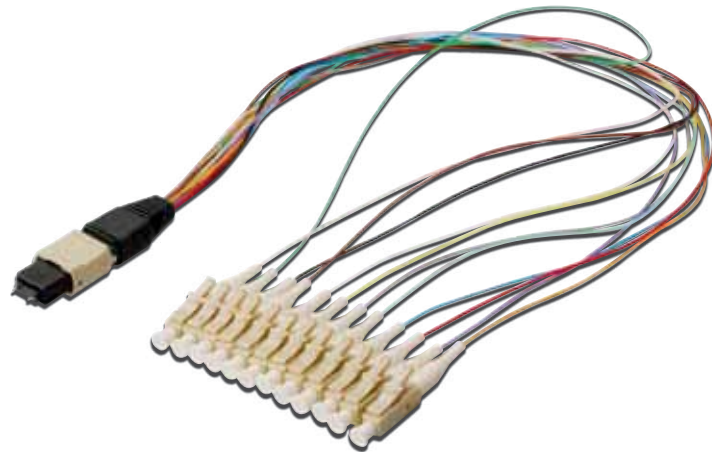


Fiber Optic MTP®/MPO OM4 Cable

MTP®/MPO-SC Fanout Cable, 0.9 mm, OM4

Best performance and link quality
for your network

- Plug: MPO/PC - SC/PC/MM/0.9
- Cable typ: trunk cable/OM4/LS2H
- IL: MPO: 0.5 < dB/SC: < 0.3 dB
- Color: Multi-coloured



307679 / DK-25621-02-4
MTP/MPO - 12 SC fanout cable, OM4, 2 m

307747 / DK-25621-05-4
MTP/MPO - 12 SC fanout cable, OM4, 5 m

307761 / DK-25621-10-4
MTP/MPO - 12 SC fanout cable, OM4, 10 m

307778 / DK-25631-02-4
MTP/MPO - 12 LC fanout cable, OM4, 2 m

307785 / DK-25631-05-4
MTP/MPO - 12 LC fanout cable, OM4, 5 m

307822 / DK-25631-10-4
MTP/MPO - 12 LC fanout cable, OM4, 10 m

MTP®/MPO Trunk Cable

Best performance and link quality
for your network

- Plug: MTP/MTP/APC/SM
- Cable typ: trunk cable/12C SM/OM4/Fiber 9/125
- IL: MPO: 0.5 < dB
- Color: Aqua



308010 / DK-25662-10-4
Trunk cable, female, aqua, OM4, 10 m

307853 / DK-25662-15-4
Trunk cable, female, aqua, OM4, 15 m

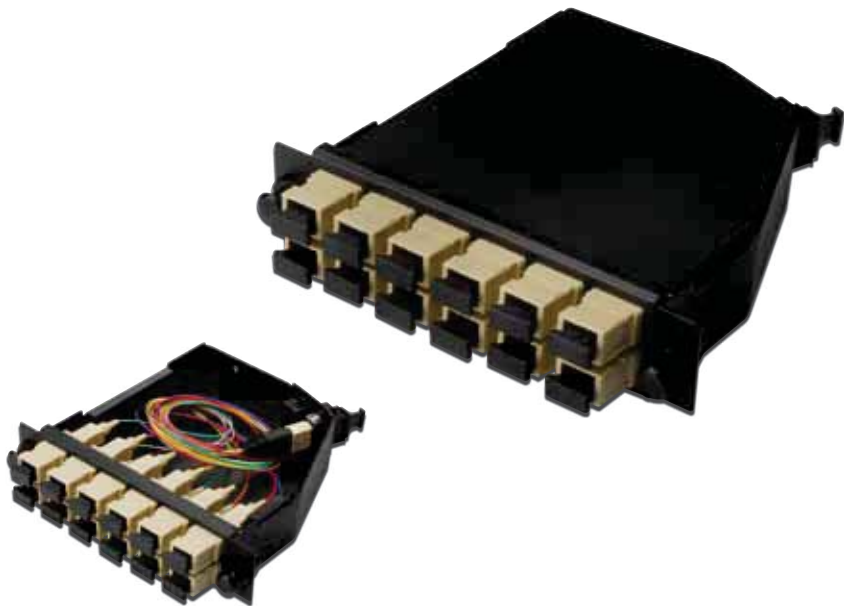
307860 / DK-25662-20-4
Trunk cable, female, aqua, OM4, 20 m

307877 / DK-25662-25-4
Trunk cable, female, aqua, OM4, 25 m

MTP®/MPO Cassette OM4

Light weight, small size and easy installation

- Housing of sheet steel
- Equipped with fanout cable OM4
- 1 x 12 x SC, 6 x SC duplex
- Color: black



307648 / DN-96312-12
1 x 12 x SC, 6 x SC duplex

307655 / DN-96313-12
1 x 12 x LC, 6 x LC duplex

307662 / DN-96313-24
2 x 12 x LC, 6 x LC quad

3X MTP®/MPO Frontplate for Fiber Optic Splice Box

Sliding Distribution box for 3 cassettes

- 19" housing
- Extensible
- Unassembled
- For 3x MTP/MPO cassettes
- Easy installation
- Color: black RAL 9005



307556 / DN-96211
Distribution box for 3 x MTP/MPO cassettes



Fiber Optic MTP®/MPO Fanout Cassette

MPO Fanout Cassette, equipped

Mechanical properties

- Cassette: sheet steel varnished RAL 9005
- Installation: in HD Panel
- Frontplate: with mounted couplers
- Labeling: labeling card
- Fanout: mounted according IEC 60304
- Dimensions (HxBxT): 38.5 x 80 x 172 mm
- Working temperature: -40/+70°C
- Storage temperature: -40/+70°C

Optical properties

- MTP
- IL with multimode: max. 0.6 dB
- IL with singlemode: max. 0.75 dB (APC)
- RL with multimode: min. 20 dB
- RL with singlemode: min. 55 dB (APC)
- Fanout plug
- IL with multimode: max. 0.4 dB¹
- IL with singlemode: max. 0.5 dB (APC)¹
- RL with multimode: min. 30 dB¹
- RL with singlemode: min. 60 dB (APC)¹

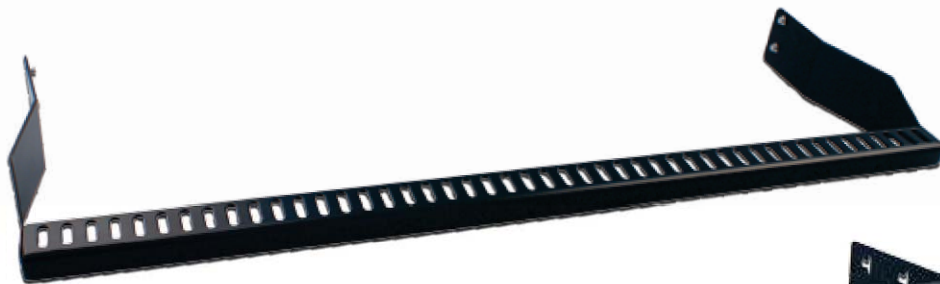
¹ all values during assembling



Article Number	Assembly			Couplers		Plug
	Couplers	Pigtails	Fiber type	Color	Sleeve	Polish
DN-966212-SX	12 x SC-SX	12 x SC	G50/125 μ - OM2	beige	PhrBr	PC
DN-966212-SX/3			G50/125 μ - OM3	aqua	PhrBr	PC
DN-966212-SX/4			G50/125 μ - OM4	violet	ceramic	PC
DN-966212-SX/9			E9/125 μ - OS2	green	ceramic	APC
DN-96626-DX	6 x SC-DX	12 x SC	G50/125 μ - OM2	beige	PhrBr	PC
DN-96626-DX/3			G50/125 μ - OM3	aqua	PhrBr	PC
DN-96626-DX/4			G50/125 μ - OM4	violet	ceramic	PC
DN-96626-DX/9			E9/125 μ - OS2	green	ceramic	APC
DN-96636-DX	6 x LC-DX	12 x LC	G50/125 μ - OM2	beige	ceramic	PC
DN-96636-DX/3			G50/125 μ - OM3	aqua	ceramic	PC
DN-96636-DX/4			G50/125 μ - OM4	violet	ceramic	PC
DN-96636-DX/9			E9/125 μ - OS2	green	ceramic	APC
DN-96636-QD	6 x LC-Quad	24 x LC	G50/125 μ - OM2	beige	ceramic	PC
DN-96636-QD/3			G50/125 μ - OM3	aqua	ceramic	PC
DN-96636-QD/4			G50/125 μ - OM4	violet	ceramic	PC
DN-96636-QD/9			E9/125 μ - OS2	green	ceramic	APC

MTP®/MPO HD Modular Patch Panel

- Housing: Sheet steel painted RAL 9005
- Slots: For max. 5 HD trays
- Input: 120 fibers (24 fibers/tray)
- Dimensions (HxWxD): 44.45 (1 HE) x 482 (19") x 271 mm



DN-96610



DN-96600



Application example



351054 / DN-96610
MTP®/MPO HD modular patch panel

351061 / DN-96600
Blind module for MTP®/MPO HD modular patch panel



Fiber Optic Termination Box

Fiber Optic wallmounted Splice Boxes offers an intelligent solution in the fiber optic calling area.

The robust housing made of sheet steel and numerous practical holes for the pigtails are just some of many arguments why do you have the ideal assistant for the Fiber Optic area with this splice box.



Carrier housing made of 1.5 mm sheet steel

- Grey color RAL 7035
- Holder for splice box
- Punched out ground to fix pigtails
- PG 16 screws and mounting material included in delivery
- Lockable front door
- IP20



308683 / AL-19AZ-W-24FC

For 24x FC or SC, 1x splice cassette included



262619 / AL-19AZ-W-12SCD-1

For 12x SC duplex, 2x splice cassette included



308676 / AL-19AZ-W-6SCD

For 6x SC duplex, 1x splice cassette included



Compact Splice Box, Equipped

Mechanical properties

- Housing: full metal painted RAL 7035
- Features: lockable cover
- Front panel: assembled with couplings/blind stops
- Labels: partially numbers as screen print
- Pigtails: assembled, remotely, color-coded as per IEC 60304 and placed in the tray
- Strain relief: using cable ties on the metal flooring
- Dimensions (HxWxD): 265 x 150 x 55 mm
- Operating temperature: -20 / +80°C
- Storage temperature: -40 / +90°C

Optical properties:

- IL in multimode: max. 0.4 dB^{1,2}
- IL in singlemode: max. 0.5 dB (PC); max. 0.3 dB (APC)^{1,2}
- RL in multimode: min. 30 dB^{1,3}
- RL in singlemode: min. 40 dB (PC); min. 60 dB (APC)^{1,3}

¹All values during assembly

²IL as per IEC 61300-3-4;

³RL as per IEC 61300-3-6



Article Number	Assembly			Couplers		Plug
	Couplers	Pigtails	Fiber type	Color	Sleeve	Polish
DN-96518-SX	8x ST-SX	8x ST	G50/125μ - OM2	● metal	PhBr	PC
DN-96518-SX/3			G50/125μ - OM3		PhBr	PC
DN-96518-SX/4			G50/125μ - OM4		ceramic	PC
DN-96518-SX-G62			G62.5/125μ - OM1		PhBr	PC
DN-96518-SX/9			E9/125μ - OS2		ceramic	PC
DN-96526-DX	6 x SC-DX	12 x SC	G50/125μ - OM2	● beige	PhBr	PC
DN-96526-DX/3			G50/125μ - OM3	● aqua	PhBr	PC
DN-96526-DX/4			G50/125μ - OM4	● violet	ceramic	PC
DN-96526-DX-G62			G62.5/125μ - OM1	● beige	PhBr	PC
DN-96526-DX/9			E9/125μ - OS2	● blue	ceramic	PC
DN-96526-DX/9-A			E9/125μ - OS2	● green	ceramic	APC
DN-965312-DX	12 x LC-DX	24 x LC	G50/125μ - OM2	● beige	PhBr	PC
DN-965312-DX/3			G50/125μ - OM3	● aqua	PhBr	PC
DN-965312-DX/4			G50/125μ - OM4	● violet	ceramic	PC
DN-965312-DX-G62			G62.5/125μ - OM1	● beige	PhBr	PC
DN-965312-DX/9			E9/125μ - OS2	● blue	ceramic	PC
DN-965312-DX/9-APC			E9/125μ - OS2	● green	ceramic	APC

Compact Splice Box, Equipped

Mechanical properties

- Housing: full metal painted RAL 7035
- Features: lockable cover
- Front panel: assembled with couplings/blind stops
- Labels: partially numbers as screen print
- Pigtails: assembled, remotely, color-coded as per IEC 60304 and placed in the tray
- Strain relief: using cable ties on the metal flooring
- Dimensions (HxWxD): 265 x 150 x 55 mm
- Operating temperature: -20 / +80°C
- Storage temperature: -40 / +90°C

Optical properties:

- IL in multimode: max. 0.4 dB^{1,2}
- IL in single mode: max. 0.5 dB (PC); max. 0.3 dB (APC)^{1,2}
- RL in multimode: min. 30 dB^{1,3}
- RL in single mode: min. 40 dB (PC); min. 60 dB (APC)^{1,3}

¹ All values during workshop assembly

² IL as per IEC 61300-3-4;

³ RL as per IEC 61300-3-6



Article Number	Assembly			Couplers		Plug
	Couplers	Pigtails	Fiber type	Color	Sleeve	Polish
DN-965124-SX	24 x ST-SX	24 x ST	G50/125 μ - OM2	metal	PhBr	PC
DN-965124-SX/3			G50/125 μ - OM3		PhBr	PC
DN-965124-SX/4			G50/125 μ - OM4		ceramic	PC
DN-965124-SX-G62			G62.5/125 μ - OM1		PhBr	PC
DN-965124-SX/9			E9/125 μ - OS2		ceramic	PC
DN-965212-DX	12x SC-DX	24 x SC	G50/125 μ - OM2	beige	PhBr	PC
DN-965212-DX/3			G50/125 μ - OM3	aqua	PhBr	PC
DN-965212-DX/4			G50/125 μ - OM4	violet	ceramic	PC
DN-965212-DX-G62			G62.5/125 μ - OM1	beige	PhBr	PC
DN-965212-DX/9			E9/125 μ - OS2	blue	ceramic	PC
DN-965212-DX/9-APC			E9/125 μ - OS2	green	ceramic	APC
DN-9651324-DX	24 x LC-DX	48 x LC	G50/125 μ - OM2	beige	PhBr	PC
DN-9651324-DX/3			G50/125 μ - OM3	aqua	PhBr	PC
DN-9651324-DX/4			G50/125 μ - OM4	violet	ceramic	PC
DN-9651324-DX-G62			G62.5/125 μ - OM1	beige	PhBr	PC
DN-9651324-DX/9			E9/125 μ - OS2	blue	ceramic	PC
DN-9651324-DX/9-APC			E9/125 μ - OS2	green	ceramic	APC

FTTH Outdoor Box for 24 Splices

The closure is an innovative solution dedicated to the deployment of FTTH networks. The closure has three individual ports for the fiber optic cables. Can be installed on the wall and on the pole.

- With two splice cassettes for 24 splices
- Additional splice cassettes: ALWL-4024-TRAY
- Max no. of cassettes: 5
- Max no. of fibers: 60
- 5 ports for the fiber optic cables
- Cable diameters: 8 - 15 mm
- Closure dimensions: 220 x 300 x 100 mm (BxHxT)
- For different cable types: ground, aerial, drop
- Operation temperature: -40°C - +55°C
- Waterproof: IP68
- Body material: MPP
- With installation fixture
- With a lot of accessories



350408 / ALWL-4024
Outdoor FTTH box for 24 splices

Splice Cassette for ALWL-4024

Extend the outdoor box ALWL-4024 with additional splice cassettes

- Splice cassette for outdoor box ALWL-4024



350415 / ALWL-4024-TRAY
Splice cassette for ALWL-4024

Outdoor FTTH Box, 8 Cores

- Outdoor FTTH box, 8 cores
- Wall and pole mountable, waterproof: IP65
- Dimension: 207 x 181 x 45 mm



308690 / ALWL-3066
Outdoor FTTH box, 8 cores

Outdoor FTTH Box, 16 Cores

- Outdoor FTTH box, 16 cores
- Wall and pole mountable, waterproof: IP65
- Dimension: 300 x 220 x 80 mm



308706 / ALWL-3067
Outdoor FTTH box, 16 cores

Outdoor FTTH Box, 24 Cores

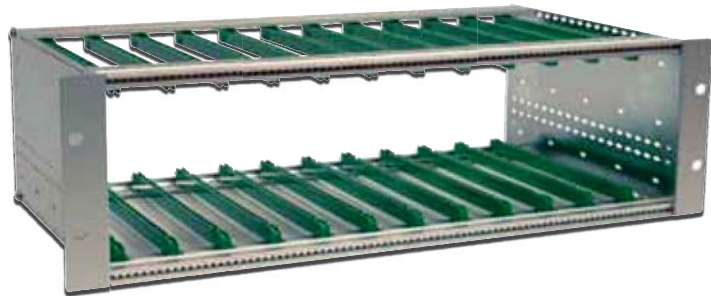
- Outdoor FTTH box, 24 cores
- Wall and pole mountable, waterproof: IP65



308713 / ALWL-3077
Outdoor FTTH box, 24 cores

Subrack for Network Cabinets

- Fixing at mounting angles
- Fixed mounted
- Perforated sheet steel
- Color grey RAL 7035
- Load carrying capacity: Up to 20 kg
- Requires 2U
- Complete with fixing material

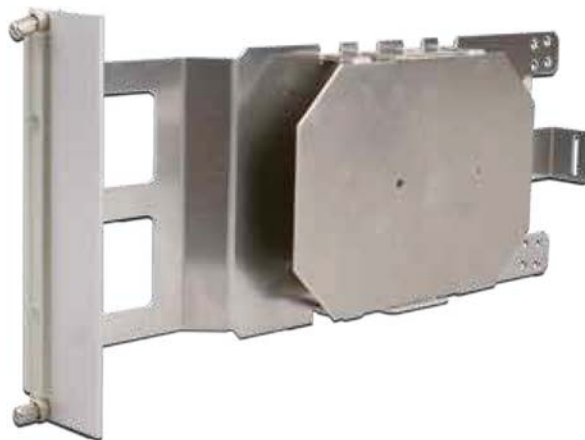


352600 / DN-96710

Shelf, 2U, 483 x 370 x 88 mm

Compact Module, Unequipped

- Carrier sheet: AlMg3 - foiled incl. splice management
- Width: 7TE
- To install in 3U subrack
- Splice cassette for 12 fibers (or 24 fibers with an second splice comb)
- Dimensions (HxWxD): 128 x 35(7TE) x 250 mm
- Cassette carrier with frontplate
- 2x nipple and screw M2,5
- Splice cassette, splice comb, strain relief and cover
- Over length cassette incl. cover
- Labeling bar with transparent cover



352129 / DN-96700

Compact module with blind plate

352150 / DN-96718-SX-UE

Compact module for 8x ST-SX / DIN-SX / FSMA-SX / FC-SX

352211 / DN-967312-DX-UE

Compact module for 12x SC-SX / LC-DX

352242 / DN-967E2012-SX-RM-UE

Compact module for 12x E2000® -SX for R&M

352297 / DN-967E2012-SX-HS-UE

Compact module for 12x E2000® -SX for H&S

352303 / DN-967E206-DX-RM-UE

Compact module for 6x E2000® -DX for R&M

352310 / DN-967E206-DX-DM-UE

Compact module for 6x E2000® -DX for diamond

352327 / DN-96726-DX-UE

Compact module for 6x SC-DX / LC quad

352341 / DN-967312-DX-SNAP-UE

Compact module for 12x LC-DC (snap-in)

Compact Modules, Equipped

Mechanical properties

- Carrier plate: AIMg3 - foiled incl. splicing lead
 - Installation: in 3 HE subrack
 - Front panel: 3 HE/7 TE with assembled couplings/blind stops
 - Labels: labeling strip for paper inlay
 - Pigtails: assembled, remotely, color-coded as per IEC 60304 and placed in the tray via cable ties
 - Strain relief: via cable ties
 - Dimensions (HxWxD): 128 x 35 (7 TE) x 250 mm
-
- Operating temperature: -20/+80°C
 - Storage temperature: -40/+90°C

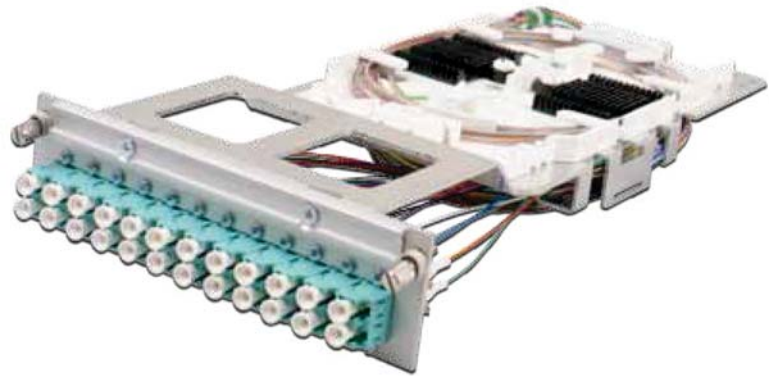
Optical properties

- IL in Multimode: max. 0.4 dB^{1,2}
- IL in Singlemode: max. 0.5 dB (PC); max. 0.3 dB (APC)^{1,2}
- RL in Multimode: min. 30 dB^{1,3}
- RL in Singlemode: min. 40 dB (PC); min. 60 dB (APC)^{1,3}

¹ All values during assembly

² IL as per IEC 61300-3-4;

³ RL as per IEC 61300-3-6



Article Number	Assembly			Couplers		Plug
	Couplers	Pigtails	Fiber type	Color	Sleeve	Polish
DN-96718-SX	8x ST-SX	8x ST	G50/125μ - OM2	● metal	PhBr	PC
DN-96718-SX/3			G50/125μ - OM3		PhBr	PC
DN-96718-SX/4			G50/125μ - OM4		ceramic	PC
DN-96718-SX-G62			G62.5/125μ - OM1		PhBr	PC
DN-96718-SX/9			E9/125μ - OS2		ceramic	PC
DN-96726-DX	6 x SC-DX	12 x SC	G50/125μ - OM2	● beige	PhBr	PC
DN-96726-DX/3			G50/125μ - OM3	● aqua	PhBr	PC
DN-96726-DX/4			G50/125μ - OM4	● violet	ceramic	PC
DN-96726-DX-G62			G62.5/125μ - OM1	● beige	PhBr	PC
DN-96726-DX/9			E9/125μ - OS2	● blue	ceramic	PC
DN-96726-DX/9-A			E9/125μ - OS2	● green	ceramic	APC
DN-967312-DX	12 x LC-DX	24 x LC	G50/125μ - OM2	● beige	ceramic	PC
DN-967312-DX/3			G50/125μ - OM3	● aqua	ceramic	PC
DN-967312-DX/4			G50/125μ - OM4	● violet	ceramic	PC
DN-967312-DX-G62			G62.5/125μ - OM1	● beige	ceramic	PC
DN-967312-DX/9			E9/125μ - OM2	● blue	ceramic	PC
DN-967312-DX/9-APC			E9/125μ - OS2	● green	ceramic	APC

Fiber Optic Cleaner Electro-Wash PX

- Fiber optic cleaner / degreaser
- Removes organic and ionic contaminants
- FCKW-/ HFCKW-free
- Quick drying
- Non-hygroscopic



351894 / DN-FO-SC-EW-PX
Electro-Wash PX, 200 ml spray tube

Pressure Sprayer Ultrajet All-Way

- Pressure sprayer
- Removes dust and dirt and provides streak free cleaning, rapid self-drying
- Suitable for using with plastic materials
- Non flammable
- Ozone friendly
- Sprayed over head
- FCKW-/ HFCKW-free



351917 / DN-FO-PS-UAW-SD
Pressure sprayer ultrajet all-way

WBC 5 Cable- and Electro Cleaner

- Liquid cold cleaner
- Product specific odor
- Contains hydrocarbon and cleaning amplifier
- Good wetting and triggering force
- Evaporates without leaving any residue
- Quick drying



352006 / DN-FO-WBC5
WBC 5 cable- and electro cleaner

Connector Cleaning Tool Click for PC and APC

- Easy cleaning of ferrules
- Over 750 cleaning cycles per cassette
- Antistatic properties
- Cleaning of connecting end faces in mated condition possible



352044 / DN-FO-PCT-1
Plug cleaning tool for 1.25 mm ferrules

352051 / DN-FO-PCT-2
Plug cleaning tool for 2.5 mm ferrules

352075 / DN-FO-PCT-R-1
Replacement cassette for DN-FO-PCT-1

352082 / DN-FO-PCT-R-2
Replacement cassette for DN-FO-PCT-2

Fiber Optic Cleaning Cloth

- Glass fiber cleaning cloth made of 100% lint-free material
- For cleaning connector end surfaces and glass fibers



352105 / DN-FO-CC-S1
Fiber optic cleaning cloth, 10.2 x 10.2 cm

352112 / DN-FO-CC-S2
Fiber optic cleaning cloth, 22.9 x 22.9 cm

Fiber Optic Cleaning Swabs

- Glass fiber cleaning swab for 1.5 mm ferrules
- Cleaning of connector end surfaces in couplings
- 100% lint-free cleaning material with right-angle end face



352136 / DN-FO-CR1-100
Fiber optic cleaning swabs, for ferrule 1.2 mm, 100 pcs.

352167 / DN-FO-CR2-5
Fiber optic cleaning swabs, for ferrule 2.5 mm, 5 pcs.

352181 / DN-FO-CR2-100
Fiber optic cleaning swabs, for ferrule 2.5 mm, 100 pcs.

Multipair Trunk Cable S-FTP CAT 7 AWG 23

Pre-assembled trunk cable, rapid mounting by plug and play installation, high bandwidth

Trunk Cable for Local Area Networks, Indoor Backbone, Indoor use, fixed installations, high bandwidth digital applications with low BER, high data rates. The cable contains twelve 1000 MHz S/FTP internal jacketed cables, cabled together with filler elements, separation tape, and overall FR-LSOH jacket for indoor use, fixed installation. Each internal cable contains 4 individually foil-shielded twisted pairs, cabled together, overall braid shielded and jacketed with FR-LSOH compound jacket. All cables are numbered for ease of identification. This multi-cable structure design is optimal for CAT 7 relevant characteristics and applications for interconnection of communication cabinets in data centers and alike.

- Conductor material: bare copper
- Conductor size: 23 AWG
- Conductor construction: solid
- Insulation material: PO
- Insulation O.D.: 1.34 mm nom.
- Color code: per TIA/EIA 568-B
- Ind. shield material: aluminum/polyester foil
- Overall braid shield: yes
- Overall braid material: tinned copper
- Braid coverage: 35 % nom.
- Inner jacket material: FR-LSOH
- Inner jacket diameter: 7.1 mm
- Inner jacket color: light gray
- Total number of wires: 96
- Frequency range: 1 - 1000 MHz
- Impedance: 100 Ω
- Coupling attenuation: type I
- Max. DC resistance : 93 Ω /km@20°C
- Max. resistance unbalance: 2%
- Capacitance unbalance: 1.2 pF/m max.
- Velocity of propagation: 78% nom.
- Propagation delay skew: 20 ns/100 m max.
- Dielectric strength: 700 V/minute
- Dielectric strength to shield: 700 V/minute
- Min. insulation resistance : 5 G Ω /km
- Max. tensile strength - short term: 400 N
- Min. bend radius: 400 mm
- Max. operating temperature: +60 °C
- Min. operating temperature: -40 °C



DK-1741-12-001-RAW



303343 / DK-1741-12-050
Multipair trunk cable, CAT 7, 24x DIGITUS® CAT 6_A modules, 5 m

303350 / DK-1741-12-060
Multipair trunk cable, CAT 7, 24x DIGITUS® CAT 6_A modules, 6 m

303367 / DK-1741-12-070
Multipair trunk cable, CAT 7, 24x DIGITUS® CAT 6_A modules, 7 m

303374 / DK-1741-12-080
Multipair trunk cable, CAT 7, 24x DIGITUS® CAT 6_A modules, 8 m

303381 / DK-1741-12-090
Multipair trunk cable, CAT 7, 24x DIGITUS® CAT 6_A modules, 9 m

303398 / DK-1741-12-100
Multipair trunk cable, CAT 7, 24x DIGITUS® CAT 6_A modules, 10 m

303404 / DK-1741-12-110
Multipair trunk cable, CAT 7, 24x DIGITUS® CAT 6_A modules, 11 m

303411 / DK-1741-12-120
Multipair trunk cable, CAT 7, 24x DIGITUS® CAT 6_A modules, 12 m

303428 / DK-1741-12-140
Multipair trunk cable, CAT 7, 24x DIGITUS® CAT 6_A modules, 14 m

303435 / DK-1741-12-150
Multipair trunk cable CAT 7, 24x DIGITUS® CAT 6_A modules, 15 m

303343 / DK-1741-12-001-RAW
Multipair v, CAT 7, cable raw, 1 m



Fiber Optic Multipair Cables, Pre-Assembled

Fiber Optic - Connection Elements Multipatchcords



Multipatchcords Mobile M(M)

Family of Mobile Multipatchcords M(M) dedicated for outdoor application and intended for repeated use. Solution enable preconnectorisation of particular cables up to 24 fibers, which are resistant to temporary use in a field. Connectors and fibers can be protected with additional reusable coating when cable unreeling.

There is a possibility to prepare connection field on the drum to which we can directly plug transmitter. Wide variety of types, size and drums capacity creates flexibility of this solution.

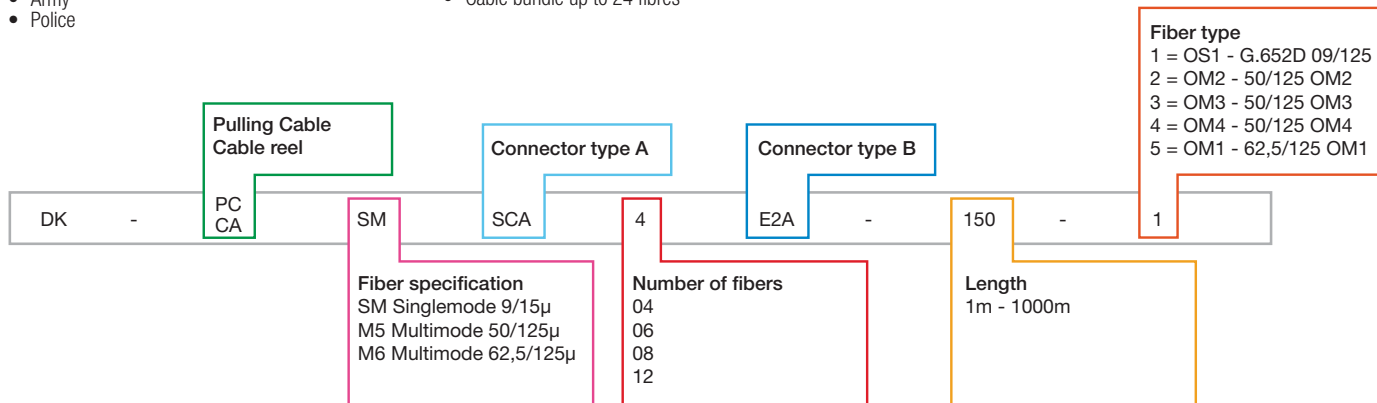


Application:

- Temporary monitoring
- Mass events media broadcast
- Temporary data transmission
- Television
- Army
- Police

Characteristics:

- Tough and durable drums construction
- High capacity
- Possibility to provide together with connection field
- Connectorised solution „plug and play“
- Cable bundle up to 24 fibres*



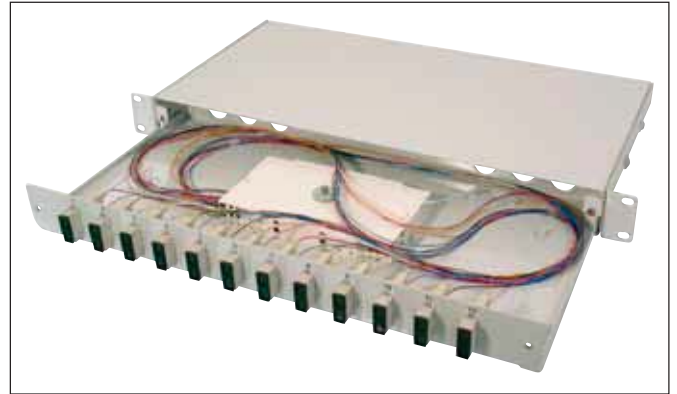
Available connectors and their reference abbreviations:

Name:	SC/UPC	FC/UPC	LC/UPC	SC/APC 8°	E2000/UPC	E2000/APC 8°	FC/APC 8°	LC/APC 8°	ST/UPC	DIN/UPC
Skrót:	SC	FC	LC	SCA	E20	E2A	FCA	LCA	ST	DIN

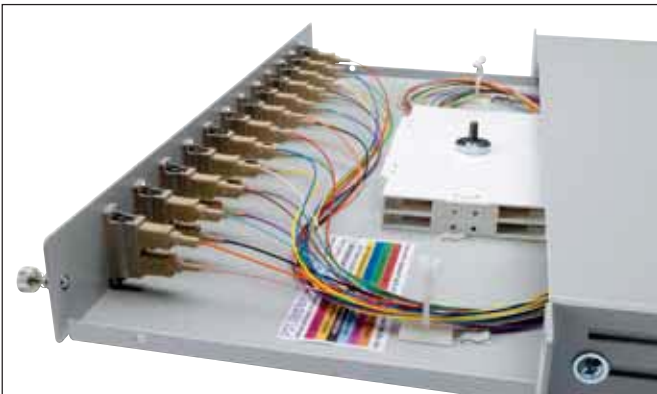




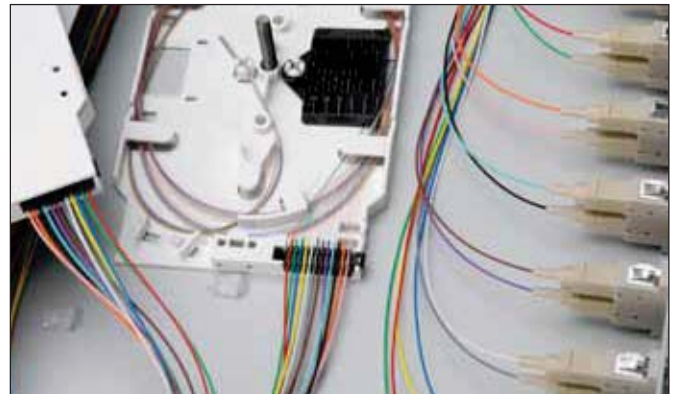
Not equipped, partially equipped, or fully equipped: The DIGITUS® Professional splice boxes can be assembled according to individual requirements.



The extendable splice boxes are marked by their high flexibility. A fast access is guaranteed.



The handling of optical fibers needs greatest diligence and care. The extremely sensitive components are exclusively processed by qualified specialists.



During the assembly process the fiber pigtails are stripped off and inserted into the splice cassettes.

DIGITUS® Splice Boxes

Splice boxes (not equipped, partially equipped, and fully equipped). The splice boxes designed by DIGITUS® Professional fulfill and exceed the valid international standards for optical fiber cabling. Our production and assembly facilities use state-of-the-art technology in order to meet the highest quality standards and in order to provide the opportunity to process customer requests immediately and as flexible as possible. Only qualified personnel performs the pre-assembly for our customers.

Prior to the delivery every single product is tested extensively. The mechanical assembly and also the quality of the connector end faces are tested with microscopic and interferometric test procedures according to international standards. The proper functioning of the splice boxes on the customer site can be guaranteed due to this extensive testing. In order to ensure a fast and clean installation at the final assembly we only use semi-loose dry compact design pigtails.

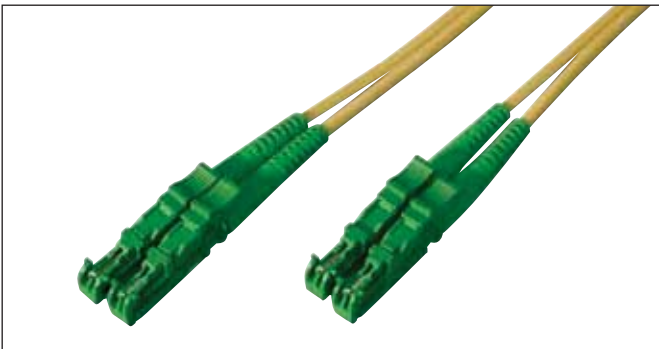
We assemble splice boxes according to customer requests: Depending on the request they will be partially equipped, fully equipped or not equipped. The selection of the fiber quality among OM1, OM2, OM3, OM4 or OS1, OS2 and of the necessary connector types is up to you. The connectors LC, SC, ST, E2000 are always available.



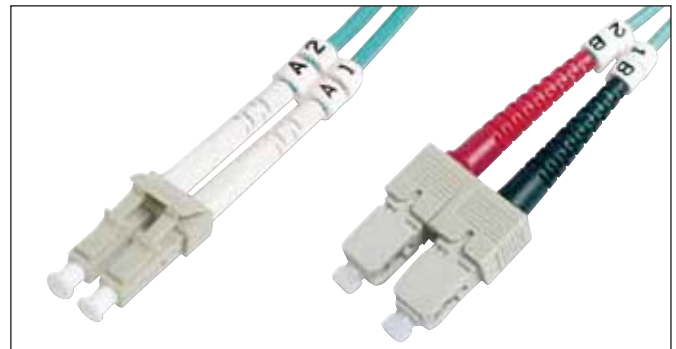
The product range of DIGITUS® Professional also provides wall-mount splice boxes suitable for industrial use.



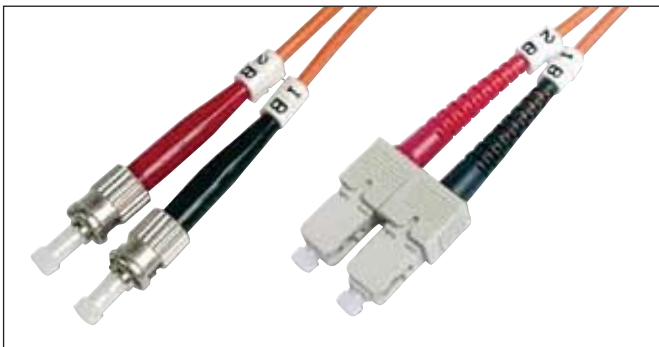
Fiber optic patch cable, LC to LC, class OM4 multimode



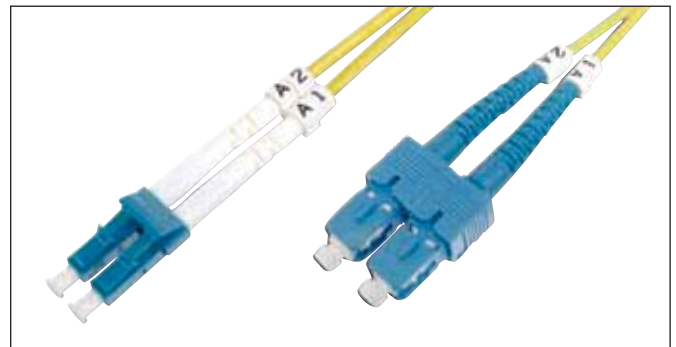
Fiber optic patch Cable, E2000 to E2000, class OS2 singlemode



Fiber optic patch cable, LC to SC, class OM3 multimode



Fiber optic patch cable, ST to SC, class OM2 multimode



Fiber optic patch cable, LC to SC, class OS2 singlemode

DIGITUS® Patch Cable

DIGITUS® Professional offers a wide range of high quality products of constantly available fiber optic patch cables. Practically every request and every requirement is covered by the broad range of connector types and fiber qualities.

In the DIGITUS® Professional product range you will find the suitable cable for every application. The broad range, deliverable ex warehouse in Lüdenscheld

includes the connector types ST, SC, and LC. All connector types are available in the lengths 1 to 10 meters. There are many optional fiber types available, OM1, OM2, OM3, OM4 and OS2.

Every cable is individually tested after the assembly and is delivered with the test report. We would like to discuss your individual cable requests with you in order to realize them within the shortest time.



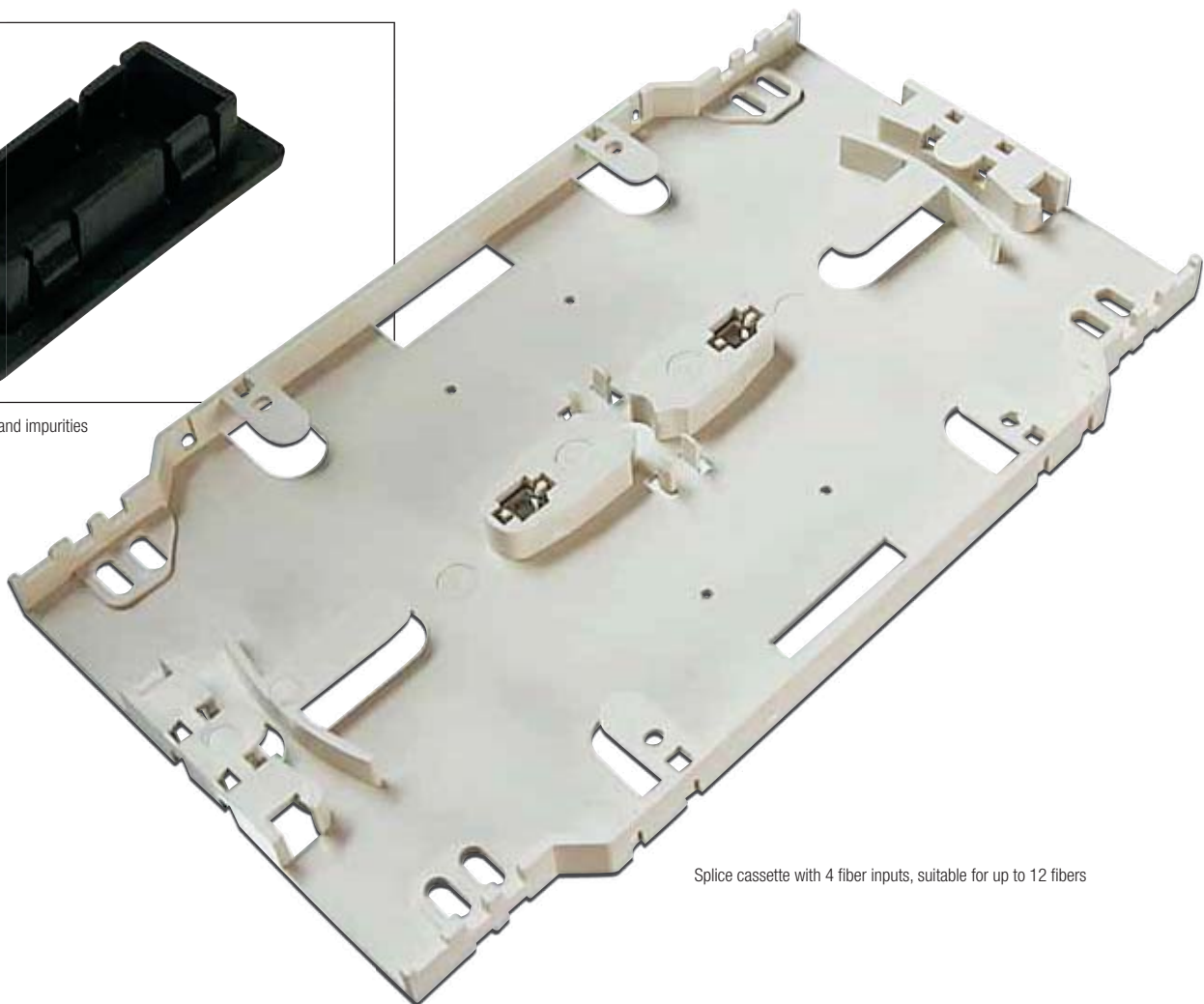
Splicing comb with splice protection



Fiber pigtails, color coded



Blind plug, as protection against dust and impurities



Splice cassette with 4 fiber inputs, suitable for up to 12 fibers

DIGITUS® Pigtails & Accessories

Within the framework of optical fiber installations there exist many accessories which are necessary for a successful mounting. DIGITUS® Professional offers a well established range of products for all eventualities which comprises all accessories necessary for a complete cable system installation. From pigtails with different connector types and fiber qualities to couplings

and connectors either of phosphor bronze or ceramics type DIGITUS® Professional provides them all. Furthermore, DIGITUS® Professional supplies splice cassettes, cassette covers, splicing combs, splice protectors, blind plugs and many more accessories.



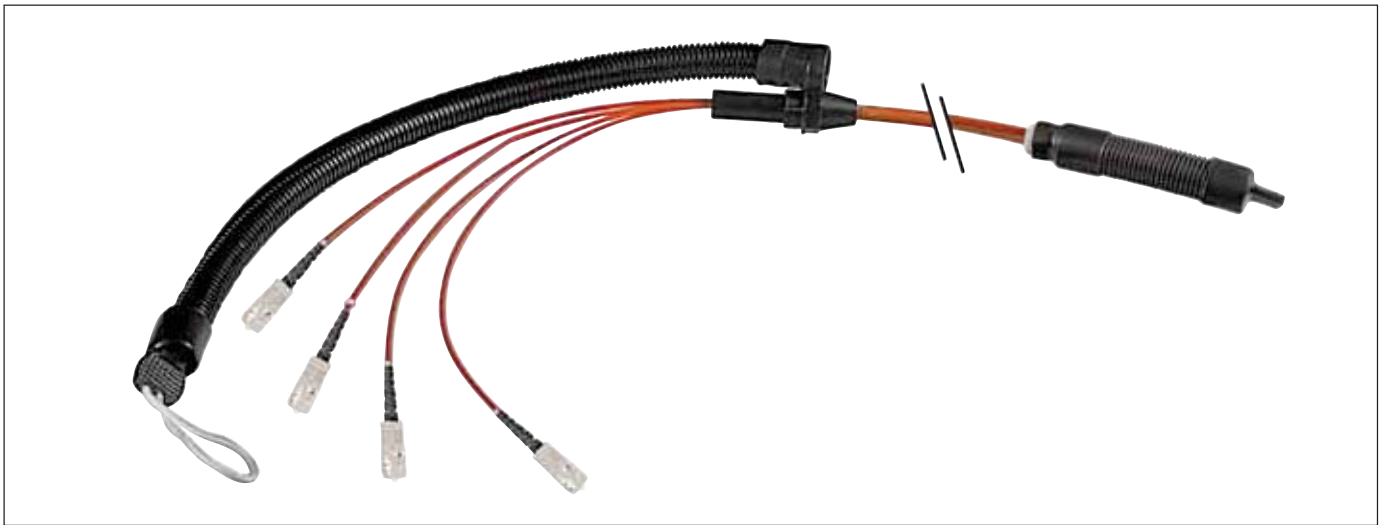
DIGITUS® Break-Out Cable

Break-Out cables from DIGITUS® Professional are optical fiber cables which can be built according to customer requests.

After the receipt of your order the cable is manufactured in the required length and with the requested connectors, therefore the engineer saves a lot of time due to this preassembly as they do not need any further trimming.

The installation is no longer reserved to experts!

As protection during the installation process the cables are equipped with a protective cap and a feeding device to facilitate the installation even more. There is no limit of the selection of cables, all standard connector types, fiber qualities and lengths can be ordered according to individual demands.



The cables which are pre-assembled in the laboratory, reach excellent measuring results. The feeding device and the protective cap allow an easy and protected installation.

DIGITUS® Installation Cable

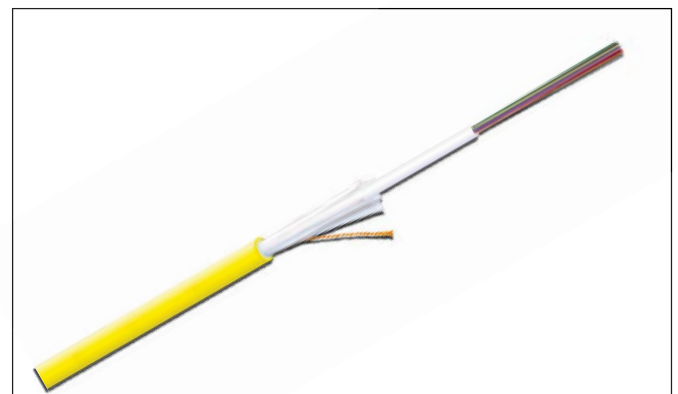
For the professional installation of optical fiber cables DIGITUS® Professional offers a wide range of different types of installation cables. The DIGITUS® Professional product range supplies all cable types, whether with 4, 8, 12, or 24 fibers or in different qualities as OM1, OM2, OM3, OM4 and OS2. The halogen-free installation cables comply with the fire protection regulations for buildings.

These can be installed in indoor and outdoor areas. For the exclusive outdoor installation cables with PE sheathing are used.

We only work together with the best fiber suppliers; therefore the DIGITUS® Professional cables guarantee highest performance and reliability.



DIGITUS® Professional universal installation cable are equipped with a halogen-free sheathing. Cable for outdoor use are supplied with a PE sheathing.



The product range provides cable with 4, 8, 12, and 24 fibers and includes the fiber qualities OM1, OM2, OM3, OM4 and OS2.

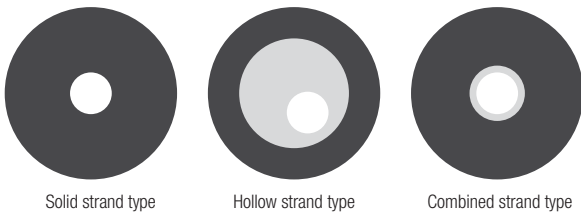
The difference between Singlemode and Multimode

The light is reflected in a zigzag pattern in the core of thicker multimode fiber cables. This results in higher attenuation, the range of the signal reduces, in other words. The light does not refract so frequently in single mode fiber cables and guarantees an enormous range.



Cladding

There are several forms of cladding for glass fiber cables.



The solid strand type surrounds the fiber directly. This has a disadvantageous effect when there is high strain and with temperature differences.

Unlike the solid strand type, the hollow strand type does not surround the fiber directly. There is a hollow space between the cladding and the fiber which reduces the disadvantageous effects of strain load and temperature differences.

The combined strand type represents an intermediate form of the solid core type and the hollow core type. The hollow space of the cladding is filled here with a gel or similar.

Use of the individual glass fiber cables

Multi fiber cables are usually found in cabling in buildings and in short and medium distance runs. OM2 fiber cables are used the most. OM3 fibers of better quality are used more and more frequently and replace OM2 fiber cables over the long run. Single mode fiber cables are used because of their good signal properties in long distance cabling.

LWL plugs

The widest distributed LWL plugs are ST-, SC- and LC plugs. The LC plugs gains an ever increasing share of the market for glass fiber plugs because of the compact size and their use with mini GBIC modules in switches or media converters.

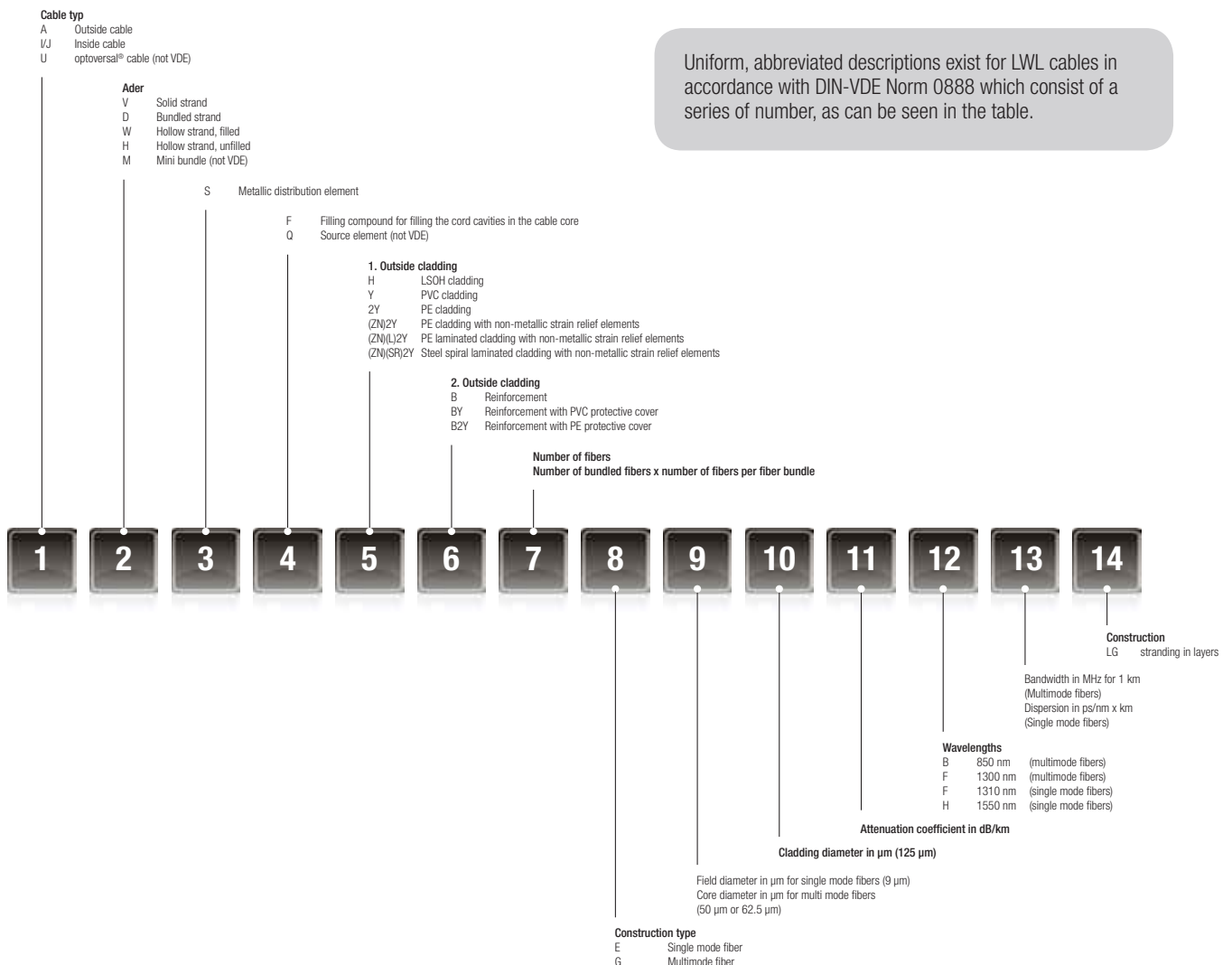
Pigtails

Pigtails are cables equipped with an LWL plug on one side and a plain glass fiber cable on the other side. They are used at the end points of laid cables and are spliced with each other.

Splicing

Splicing is understood to be the connection of two glass fiber cables. These are adjusted at their end points and permanently fused together.

Uniform, abbreviated descriptions exist for LWL cables in accordance with DIN-VDE Norm 0888 which consist of a series of number, as can be seen in the table.



	ST - ST DK-2511-01 ... DK-2911-10	SC - SC DK-2522-01 ... DK-2922-10
Mechanical Properties		
Primary coating	Acrylate; $\varnothing 250 \pm 15 \mu\text{m}$	Acrylate; $\varnothing 250 \pm 15 \mu\text{m}$
Secondary coating	$\varnothing 0.9 \pm 0.1 \text{ mm}$	$\varnothing 0.9 \pm 0.1 \text{ mm}$
Coating (buffer) color	9/125 OS2: yellow 50/125 OM2: green 50/125 OM3: aqua 62.5/125 OM1: orange	9/125 OS2: yellow 50/125 OM4: violet 50/125 OM2: green 50/125 OM3: aqua 62.5/125 OM1: orange
Cable protection	Aramid (Kevlar)	Aramid (Kevlar)
Operating temperature	min: $-20 \text{ }^{\circ}\text{C}$ max: $+60 \text{ }^{\circ}\text{C}$	min: $-20 \text{ }^{\circ}\text{C}$ max: $+60 \text{ }^{\circ}\text{C}$
Storage temperature	min: $-25 \text{ }^{\circ}\text{C}$ max: $+80 \text{ }^{\circ}\text{C}$	min: $-25 \text{ }^{\circ}\text{C}$ max: $+80 \text{ }^{\circ}\text{C}$
Cable jacket	LSOH	LSOH
Cable building	SM: 2 x 4 mm or 3 x 6 mm MM: 2.5 x 5 mm	SM: 2 x 4 mm or 3 x 6 mm MM: 2.5 x 5 mm
Optical Properties		
Insertion loss	SM PC: max. 0.5 dB MM PC: max. 0.4 dB	SM PC: max. 0.5 dB MM PC: max. 0.4 dB
Return loss	SM PC : > 35 dB MM PC: > 25 dB	SM PC : > 35 dB SM SPC: > 45 dB SM UPC: > 50 dB MM PC: > 25 dB
Life cycle	> 500	> 500

	LC - LC DK-2533-01 ... DK-2933-10	E2000 - E2000 AL-9E2000-011 ... AL-9E2000:051
Mechanical Properties		
Primary coating	Acrylate; $\varnothing 250 \pm 15 \mu\text{m}$	Acrylate; $\varnothing 250 \pm 15 \mu\text{m}$
Secondary coating	$\varnothing 0.9 \pm 0.1 \text{ mm}$	$\varnothing 0.9 \pm 0.1 \text{ mm}$
Coating (buffer) color	9/125 OS2: yellow 50/125 OM2: green 50/125 OM3: aqua 62.5/125 OM1: orange	9/125 OS2: yellow 50/125 OM2: green 50/125 OM3: aqua 62.5/125 OM1: orange
Cable protection	Aramid (Kevlar)	Aramid (Kevlar)
Operating temperature	min: $-20 \text{ }^{\circ}\text{C}$ max: $+60 \text{ }^{\circ}\text{C}$	min: $-20 \text{ }^{\circ}\text{C}$ max: $+60 \text{ }^{\circ}\text{C}$
Storage temperature	min: $-25 \text{ }^{\circ}\text{C}$ max: $+80 \text{ }^{\circ}\text{C}$	min: $-25 \text{ }^{\circ}\text{C}$ max: $+80 \text{ }^{\circ}\text{C}$
Cable jacket	LSOH	LSOH
Cable building	SM: 2 x 4 mm or 3 x 6 mm MM: 2.5 x 5 mm	SM: 2 x 4 mm or 3 x 6 mm MM: 2.5 x 5 mm
Optical Properties		
Insertion loss	SM PC: max. 0.5 dB MM PC: max. 0.4 dB	SM PC: max. 0.5 dB MM PC: max. 0.4 dB
Return loss	SM PC : > 35 dB SM SPC: > 45 dB SM UPC: > 50 dB MM PC: > 25 dB	SM PC : > 35 dB SM SPC: > 45 dB SM UPC: > 50 dB MM PC: > 25 dB
Life cycle	> 500	> 1000

Fiber Specifications

G50/125 Multimode fiber **G50/125** according to IEC 60 793-2-10

Geometric/mechanical properties

Core diameter (µm)	50 ± 2,5	Cladding non-circularity (%)	≤ 1
Coating diameter (µm)	125 ± 2	Core/cladding concentricity error (µm)	≤ 1
Core non-circularity (%)	245 ± 10	Eccentricity of coating (µm)	≤ 10
Core non-circularity (%)	≤ 5	Screen test	≥ 1% sketching for 1s (100 kpsi)

Transmission properties	Fiber type F		Fiber type G		Fiber type H		Fiber type I		Fiber type J	
	(OM2)		(OM2+)		(OM2++)		(OM3)		(OM4)	
Wavelength (nm)	850	1300	850	1300	850	1300	850	1300	850	1300
Attenuation max. (dB/km)	2.4	0.7	2.4	0.7	2.4	0.7	2.5	0.7	2.4	0.6
Bandwidth min. OFL (MHz · km)	500	500	500	1000	750	500	1500	500	3500	500
Bandwidth min. EMB (MHz · km)	Not required		Not required		Not required		2000	300	4700	550
Effective group of refraction	1.483	1.478	1.483	1.478	1.483	1.478	1.483	1.478	1.483	1.478
Numerical aperture	0.200 ± 0.020		0.200 ± 0.015		0.200 ± 0.015		0.200 ± 0.015		0.200 ± 0.015	

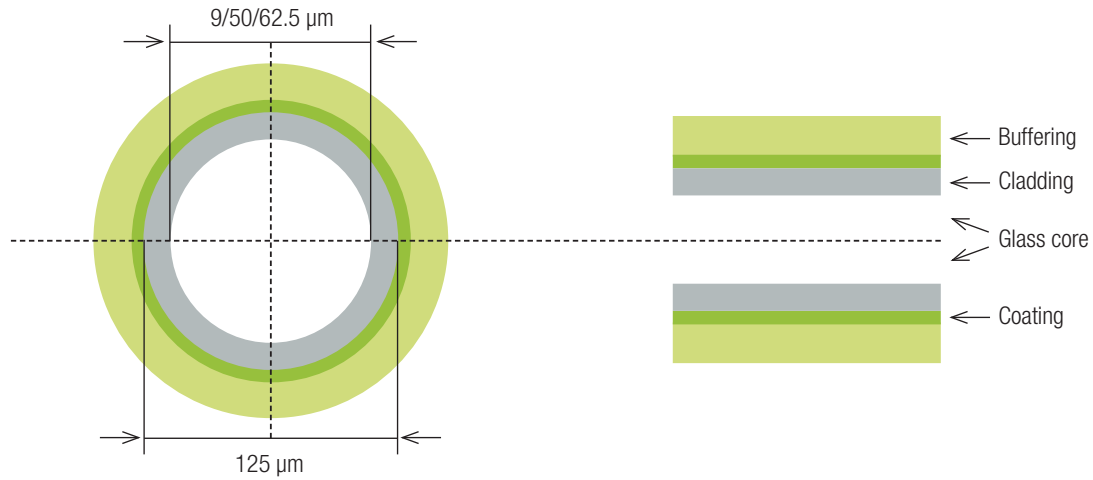
G62,5/125 Multimode fiber **G62,5/125** according to IEC 60 793-2-10

Geometric/mechanical properties

Core diameter (µm)	62,5 ± 2,5	Cladding non-circularity (%)	< 1
Coating diameter (µm)	245 ± 10	Core/cladding concentricity error (µm)	< 10
Core non-circularity (%)	≤ 5	Eccentricity of coating (µm)	< 10
Core non-circularity (%)	≤ 5	Screen test	≥ 1% sketching for 1s (100 kpsi)

Transmission properties	Fiber type L		Fiber type M	
	(OM1)		(OM1+)	
Wavelength (nm)	850	1300	850	1300
Attenuation max. (dB/km)	2.9	0.7	2.9	0.7
Bandwidth min. OFL (MHz · km)	200	500	220	800
Bandwidth min. EMB (MHz · km)	Not required		Not required	
Effective group of refraction	1,497	1,493	1,497	1,493
Numerical aperture	0.275 ± 0.015		0.275 ± 0.015	

Fiber Specifications



E9/125 Monomode fiber E9/125 (matched cladding type) acc. to ITU-T Rec. G.652.D, ITU-T Rec. G.657.A and IEC 60 793-2-50

Geometric/mechanical properties

Core diameter (µm)	9.2 ± 0.4 / 8.6 ± 0.4	Mode field/cladding concentricity error (µm)	< 0.5
Coating diameter (µm)	245 ± 10	Eccentricity of coating (µm)	< 12
Core non-circularity (%)	≤ 0.4	Screen test	0.86 Gpa (1.2 % 120 kpsi)
Cladding non-circularity (%)	≤ 0.5		

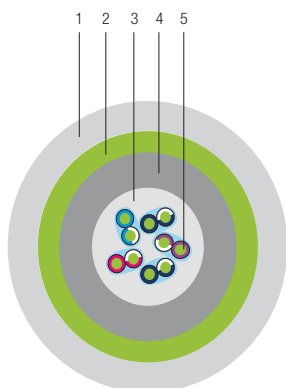
Transmission Properties	Fiber Type A		Fiber Type B		Fiber Type E	
	acc. to ITU-T G.652.D and ISO 11801 type OS 2		acc. to ITU-T G.652.D and ISO 11801 type OS 2		acc. to ITU-T G.657.A	
	for semi-tight and tight buffered fibers		for loose tubes			
Wavelength (nm)	1310	1550	1310	1550	1310	1550
Attenuation max. (dB/km)	0.33	0.19	0.33	0.19	0.35	0.21
Dispersion coefficient max. (ps/nm · km)	3.5	17	3.5	17	≤ 3	≤ 18
Zero dispersion wavelength (nm)	1300 – 1324		1300 – 1324		1300 – 1324	
Dispersion slope (ps/nm ² · km)	≤ 0.090		≤ 0.090		≤ 0.092	
Cut-off wavelength (cabled) (nm)	≤ 1260		≤ 1260		≤ 1260 nm	
Polarisation mode dispersion (ps/ √ KM)	≤ 0.2		≤ 0.2		≤ 0.2	
Effective group of refraction	1.466	1.467	1.466	1.467	1.466	1.467
Mode field diameter at 1310 µm (µm)	9.2 ± 0.4		9.2 ± 0.4		8,6 ± 0.4	

Universal FIBER OPTIC CABLES – Central Loose Tube AI-DQ(ZN)BH 4 – 24 CORES G50/125, G62,5/125 , E9/125

Characteristics		Offered by the Tenders
1. No of tubes		1 (One Tube) ; (24 fibers = two tubes)
2. No of fibers per cable		4 ... 12 Fibers (24 fibers = 2 x 12 fibers per each tube)
3. Loose tube - Material - Diameter - Type of filling compound		- Polybuteneterephtheleta (PBT) - 3.5 mm - Thyrotrophic jelly
4. Tensile strength member - Material		- Glass yarn
5. Outer sheath - Material and thickness		- LSOH-UV - 1.5 mm thickness
6. Drum length		2000 meters (± 10 %)
7. Cable weight (kg/km) approx.		80 kg / km
8. Outer diameter of cable approx.		7 mm
9. Test results of mechanical characteristics		
Tensile strength	IEC – 974-1-E1	- 900 / 1200 N
Bending radius	IEC – 974-1-E11	- 15 X 0. Diameter of cable (Static) - 20 X 0. Diameter of cable (dynamic)
Operating temperature	IEC – 974-1-F1	- 30 degree to +60°C
Storage temperature	IEC – 974-1-F1	- 40 degree to +70°C
Installation temperature		- 5°C up to +50°C
Impact resistance	IEC – 974-1-E4	- 20 nm
Crush resistance	IEC – 974-1-E3	- 1500 N
Repeated bending	IEC – 974-1-E6	- 10xD / 50N Load (10 Bending)
Flame resistant	IEC – 332-3	
Fiber specification	G50/125 OM2	EN188201, IEC 793-2, ITU G651
	G50/125 OM3	EN188201, IEC 793-2
	G62.5/125 OM1	EN188202, IEC 793-2)
	E9/125 OS2	IEC/EN 60793-1, IEC/EN 60793-2, ITU G652B

Features: Elimination of one splice at building entrance
 Longitudinally and laterally water-resistant
 Non-metal rodent protection
 UV resistant LSZH Outer cable jacket

Attenuation for Cable		Number of Fibers	Multimode 50/125 OM4	Multimode 50/125 OM3	Multimode 50/125 OM2	Multimode 62.5/125 OM1	Singlemode 9/125 OS2 (G652B)
Ref (nm)	Max.						
850	3.2 dB/km	4	DK-35041/4-U	DK-35041/3-U	DK-35041-U	DK-36041-U	DK-36241-U
1300	1.0 dB/km	6	DK-35061/4-U	DK-35061/3-U	DK-35061-U	DK-36061-U	DK-36261-U
		8	DK-35081/4-U	DK-35081/3-U	DK-35081-U	DK-36081-U	DK-39081-U
		12	DK-35121/4-U	DK-35121/3-U	DK-35121-U	DK-36121-U	DK-39121-U
		24	DK-35241/4-U	DK-35241/3-U	DK-35241-U	DK-36241-U	DK-39241-U
		Color jacket	violet	turquoise	black	black	yellow



- 1 Cable jacket (LSOH-UV jacket)
- 2 Glass yarn
- 3 Gel-filled
- 4 Loose tube
- 5 12 Fibers max. / loose tube

Number of Optical Fibre or Patch Cord	FOTAG Code	Number of Optical Fibre or Patch Cord	FOTAG Code
1	blue	7	red
2	orange	8	black
3	green	9	yellow
4	brown	10	purple
5	grey	11	pink
6	white	12	turquoise



Technical Data // Universal Fiber Optic Cables

Universal FIBER OPTIC CABLES – Central Loose Tube A-DQ(ZN)B2Y 4 – 24 CORES G50/125, G62,5/125 , E9/125

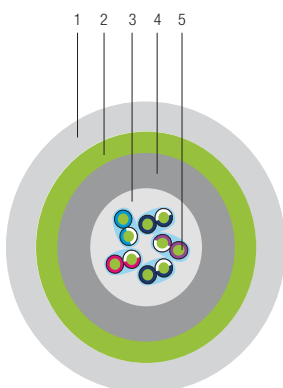
Characteristics		Offered by the Tenders
1. No of tubes		1 (One Tube) ; (24 fibers = two tubes)
2. No of fibers per cable		4 ~12 Fibers (24 fibers = 2x 12 fibers per each tube)
3. Loose tube - Material - Diameter - Type of filling compound		- Polybuteneterepheteleta (PBT) - 3.5 mm - Thyrotrophic jelly
4. Tensile strength member - Material		- Glass yarn
5. Outer sheath - Material and thickness		- HDPE - 1.5 mm thickness
6. Drum length		2000 meters (± 10 %)
7. Cable weight (kg/km) approx.		80 kg / km
8. Outer diameter of cable approx.		7 mm
9. Test results of mechanical characteristics		
Tensile strength	IEC – 974-1-E1	- 900 / 1200 N
Bending radius	IEC – 974-1-E11	- 15 X O. Diameter of cable (Static) - 20 X O. Diameter of cable (dynamic)
Operating temperature	IEC – 974-1-F1	- 30 degree to +60°C
Storage temperature	IEC – 974-1-F1	- 40 degree to +70°C
Installation temperature		- 5°C up to +50°C
Impact resistance	IEC – 974-1-E4	- 20 nm
Crush resistance	IEC – 974-1-E3	- 1500 N
Repeated bending	IEC – 974-1-E6	- 10xD / 50N Load (10 Bending)
Flame resistant	IEC – 332-3	
Fiber specification	G50/125 OM2	EN188201, IEC 793-2, ITU G651
	G50/125 OM3	EN188201, IEC 793-2
	G62.5/125 OM1	EN188202, IEC 793-2)
	E9/125 OS2	IEC/EN 60793-1, IEC/EN 60793-2, ITU G652B

Features: Useable for campus cabling
Relocation in the outer area
Longitudinally and laterally water-resistant

Non-metal rodent protection
UV resistant HDPE Outer cable jacket

Attenuation for Cable	
Ref (nm)	Max.
850	3.2 dB/km
1300	1.0 dB/km

Number of Fibers	Multimode 50/125 OM4	Multimode 50/125 OM3	Multimode 50/125 OM2	Multimode 62.5/125 OM1	Singlemode 9/125 OS2 (G652B)
4	DK-35041/4-0	DK-35041/3-0	DK-35041-0	DK-36041-0	DK-36241-0
6	DK-35061/4-0	DK-35061/3-0	DK-35061-0	DK-36061-0	DK-36261-0
8	DK-35081/4-0	DK-35081/3-0	DK-35081-0	DK-36081-0	DK-39081-0
12	DK-35121/4-0	DK-35121/3-0	DK-35121-0	DK-36121-0	DK-39121-0
24	DK-35241/4-0	DK-35241/3-0	DK-35241-0	DK-36241-0	DK-39241-0
Color jacket	violet	turquoise	black	black	yellow



- 1 Cable jacket (LSOH-UV jacket)
- 2 Glass yarn
- 3 Gel-filled
- 4 Loose tube
- 5 12 Fibers max. / loose tube

Number of Optical Fibre or Patch Cord	FOTAG Code	Number of Optical Fibre or Patch Cord	FOTAG Code
1	blue	7	red
2	orange	8	black
3	green	9	yellow
4	brown	10	purple
5	grey	11	pink
6	white	12	turquoise

High-quality. Reliable. Manageable. Our tools

We supply you with the work materials you need to perform quick and accurate installation work. With the right tools, you can save on materials and above all time. At this point, you can count on our decades of experience. Our product managers know what is important when it comes to installation. On the following pages, we will show you a selection of tools that are both accurate and manageable – they are your ideal installation companions.

Moreover, we also offer a selection of high-quality network and cable testing devices.



TOOLS AND TESTER



DIGITUS® Crimping Tool with Cable Tester



- Crimping tool and cable tester in one
- For UTP and STP cable
- Tests cables for continuity, opens, shorts and swapped wires
- Pin to pin indication
- Test mode selection for run once or test repeatedly
- Auto power saving
- Low power indications
- Suitable for 8P8C(RJ45), 6P6C(RJ12), 6P4C(RJ11)
- Integrated cable stripper and cutter
- Cable tester can be detached from the tool
- Batteries: 3x LR-44 (not included)
- Textile bag



315742 / DN-94013
Crimping tool with cable tester

DIGITUS® Network Tool Set



- LAN tester RJ11, 12 and 45
- LSA punch down tool with cable cutter
- Crimping tool RJ11, 12 and 45
- Cut and stripping tool
- Textile bag



348849 / DN-94022
Network tool set

DIGITUS® Cutter & Stripper



DN-94015

DN-94014

Expand your equipment with a perfect cutting and stripping tool for professional usage.

- With a small hole for stripping wire
- Size: 22-26 AWG (average 0.4 - 0.65 mm)
- 5" electrical cutter & stripper for flush cutting



342335 / DN-94015
Cutter & stripper, red

342328 / DN-94014
Cutter & stripper, yellow

DIGITUS® Velcro Tape for structured cabling



With the DIGITUS® velcro tape for structured cabling you will reduce the chaos with your cabling inside of your cabinets. The velcro tape provides an optimized support for your cables with its 20 mm width and the perfect adhesive material. The overall length of 10 m per roll leaves a big scope for use.

- 20 mm wide
- 10 m overall length
- Color black
- Multiple use possible



338260 / DN-CT-10M-20
Velcro tape for structured cabling

DIGITUS® Round Cable Stripper



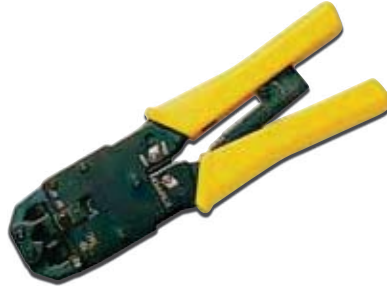
Fiber optic cables - excellent tool for precise jacket stripping of fiber optic cables

- Useable for smaller diameter cables: 0.178 to 1.14 inches (4.5 - 29 mm)
- Adjustable cutting depth
- Blade swivels for longitudinal / spiral cut
- Long life blade design
- Spring-loaded cable bar firmly secures cable to the blade for controlled cutting action
- Length: 138 mm
- Weight: 100 gram



308430 / ASK-TW-3250
Round cable stripper

DIGITUS® Multi Modular Crimping Tool, Solid Metal



Multi crimping tool inclusive cable cutter and insulation stripper

- Crimps 8P8C-RJ45; 6P6C-RJ12; 6P4C-RJ11; 4P4C; 4P2C; & 6P6C-DEC; and shielded 8P8C-RJ45, modular plugs



261681 / DN-94004
Multi modular crimping tool, solid metal

DIGITUS® Modular Crimping Tool



Installation tool for modular plugs and for stripping insulation and cutting the cable

- Suitable for 8P8C plugs



261698 / DN-94005
Modular crimping tool

DIGITUS® Premium Modular Crimping Tool



Installation tool for modular plugs and for stripping insulation and cutting the cable

- Robust metal design
- Suitable for 6P4C and 8P8C plugs



261711 / DN-94007
Premium modular crimping tool

DIGITUS® Crimping Tool for Coaxial Plugs



For BNC, TNC, UHF, N, Twinax contacts, RG58, RG59, RG62, etc

- Diameter: Inner wire 0.3 - 0.7 mm / outer 5 - 5.15 mm



261742 / DN-94009
Crimping tool for coaxial plugs

DIGITUS® Stripping Tool for Data Cable



For removing the sheaths from UTP / STP data cables with a diameter of 5 - 15 mm

- With opening spring and locking slider



261667 / DN-94001
Stripping tool for data cable

Fiber Optic Cleaver

Small, lightweight and easy to use

Designed for fiber cleaving applications for fiber connectors and mechanical splices as well as laboratory applications.

- Equipped with a standard carbide cleaving blade – capable of over 6.000 consistent cleaves
- Designed for single mode and multimode fiber with \varnothing diameter of 125 micron with no additional tool adjustments
- Dimension: 130 x 20 x 50 mm
- Weight: 60 g



291633 / ASK-DJE22072
Fiber optic cleaver

Kevlar Cutter for Fiber Optic Cable

Oversized and ergonomic molded handles for operator comfort

Blades are hardened stainless steel with a fine serration on one blade.

- Length: 145 mm
- Weight: 70 g



291619 / ASK-HT-C151
Kevlar cutter for fiber optic cable

Fiber Optic Stripper - three times

Save your time and money

Supported all common fiber stripping functions in one innovative tool.

- First hole for stripping outer 3 mm fiber jacket
- Second hole for removal 900 micron tight buffer to 250 micron buffer coating
- Third hole for removal 250 micron coating to 125 micron coating
- Length: 160 mm
- Weight: 140 g



291626 / ASK-HT-S144H
Fiber optic stripper - three times

Fiber Optic Cable Assembly Kit

Complete equipped - high quality tools

The tool kit consists of the following tools:

- 3-hole stripping plier
- Kevlar cutter
- Crimp tool
- Carbide scribe
- Syringe (2)
- Epoxy glue
- Epoxy mixer
- Epoxy mixer pad
- Cleaning wipes
- ST polish disc
- SC polish disc
- Glasses working pad (15 x 20 cm)
- Diamond polish film (6 µm-brown color)
- Diamond polish film (1 µm-purple color)



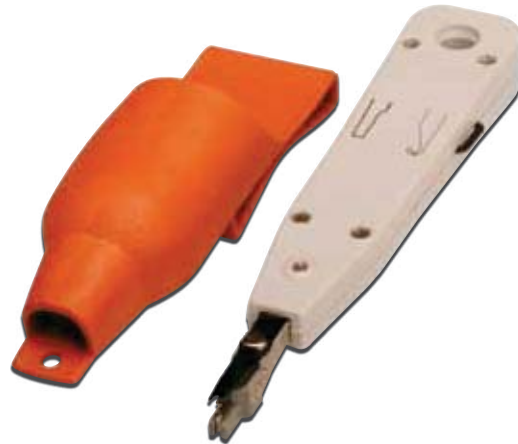
291787 / ASK-KIT-F03033

Complete fiber optic termination kit, (HxBxT): 60 x 300 x 240 mm

LSA Punch Tool

Punch tool for LSA strips

- Cable insulation and cutting of the extending cable ends
- Includes synthetic leather carry case
- Includes extraction- and unlocking device



206569 / DN-LSA-PT

LSA punch tool

Krone LSA + Punch Tool

Punch tool for Krone LSA strips

- Cable insulation and cutting of the extending cable ends
- Adjustable pressure
- Includes extraction- and unlocking device



132868 / A-LSA-K

Original Krone LSA+ punch tool

DIGITUS® Cable Tester, RJ45

With the DIGITUS® Cable tester you can test the wire circuit state of network line and telephone line, such as open, short, cross, etc. It is a practical tool for usage in the construction location. Just turn on the tester, insert the line connector into the main tester and the remote control and the indicator lights will flash.

- Main device: 1x RJ45, 1x RJ11
- Remote: 1x RJ45, 1x RJ11
- Power supply: 9 V laminated battery
- Electricity: 25 MA



346395 / DN-14003

Cable tester, RJ45

Network- and Communication Cable Tester, RJ45 & BNC

Specifically designed for quick and easy testing of your network cables

- Auto-scan and step by step testing
- Loop-back: For testing and localising of already laid network or communication cables
- Continuity: For continuity testing of network or communication cables
- Open: For localising of disconnected single wires
- Shorts: Locating of short-circuited single wires
- Miss-wire: Identification of non-conform wire assignment
- Pin to pin configuration: 1:1 assignment testing
- Main device with 2x RJ45 jack, remote unit with 1x RJ45 jack
- Various LEDs for status display, operates with 9 Volt block battery
- Includes two-language manual and modular BNC adapter



126454 / DN-14001

Cable tester, RJ45 & BNC

Premium Network Cable Tester, RJ45 & BNC

- 2 x RJ45 connections
- Remote unit with 1x RJ45 connection
- Preset test modes for 10(100)Base-T, Token Ring, TP-PMD, AT&T 258A, EIA/TIA-568A/B USOC, 10Base-2 (BNC)
- 4 additional user test modes can be configured
- Tests assignment, pairs, connection and shielding
- Terminator loopback test, cable testing with up to 16 remote units
- Automatic cable identification
- Delivery includes 2x RJ45 / BNC adapters, 30 cm patch cable and storage bag



079248 / ACT-LCS-400

Premium network cable tester, RJ45 & BNC

Network Cable Tester, RJ45 & BNC

- Coaxial cable test using BNC adapter
- Manual or automatic test procedure
- Tests: continuity, assignment, shielding, pairing as per EIA/TIA 356A / 568A / 568B / Token Ring
- Main device with 2x RJ45 jack, remote unit with 1x RJ45 jack
- Even already laid cable can be tested with the remote unit
- Supplied with case and BNC adapter



126089 / ACT-LAN-PRO

Network cable tester, RJ45 & BNC

Network Cable Tester with Remote ID Modules

- 2 x RJ45 connections
- Remote unit with 1x RJ45 connection
- Manual or automatic test execution
- Tests: continuity, assignment, shielding, pairing as per EIA/TIA 356A / 568A / 568B / Token Ring
- 2-digit, 7-segment display shows the ID for the selected remote unit
- Display of the network type and network speed
- Sound generator for detected defective cables (Tracer not included!)
- Terminator loopback test, cable measurement with up to 25 remote units
- Automatic cable identification
- Package includes 25 remote ID modules



158745 / ACT-LAN-MOD

Network cable tester

Modular Cable Tester, RJ45 & BNC

- Tests: continuity, assignment, pairing and shielding
- Line / voltage detection
- Main device with 2x RJ45, 1x BNC jack, remote unit with 1x RJ45, jack
- Even already laid cable can be tested with the remote unit
- Various LEDs for status display, operates with 9 Volt block battery
- Includes synthetic leather carry case



126096 / ACT-LAN-CT

Modular cable tester, RJ45 & BNC

FLUKE DSX-5000 Cable Analyzer

Versiv™ modular design supports copper certification, fiber loss, OTDR testing and Wi-Fi analysis. Unmatched speed for CAT 6_A, Class F_A and all current standards. ProjX™ system manages job requirements and progresses from set-up to systems acceptance, making sure all tests are completed correctly. Taptive™ user interface simplifies set-up, and eliminates errors.

Analyze test results and create professional test reports using LinkWare™ management software. Graphically displays the source of failures including crosstalk, return loss and shield faults for faster troubleshooting. ETL Verified to IEC Level V – the most stringent accuracy requirement. Built in Alien Crosstalk testing capability.

- Testing shielded and unshielded pair LAN cabling
- Including Permanent Link adapters - plug type RJ45 shielded
- Including Channel Link adapters - plug type RJ45 shielded
- Test standards TIA CAT 3, 4, 5, 5e, 6, 6_A per TIA 568-C.2
- Test standards ISO/IEC Class C, D, E, Ea, F, F_A certification per ISO/IEC 11801:2002 and amendments
- Maximum frequency 1200 MHz
- Full 2-way Autotest of CAT 5e or 6 / Class D or E: 9 seconds full 2-way Autotest of CAT 6_A / Class EA: 10 seconds
- Support test parameters: wire map, length, propagation delay, delay skew, DC loop resistance, insertion loss (Attenuation), return loss (RL), NEXT, attenuation-to-crosstalk (ACR-N), ACR-F (ELFEXT), power sum ACR-F (ELFEXT), power sum NEXT, power sum ACR-N, power sum alien near end Xtalk (PS ANEXT), power sum alien attenuation Xtalk ratio far end (PS AACR-F)
- Input protection: protected against continuous telco voltages and 100 mA over-current. Occasional ISDN over-voltages will not cause damage
- Display: 5.7 in LCD display with a projected capacitance touchscreen
- Case: High impact plastic with shock absorber overmold
- Dimensions: Main unit with DSX-5000 module and battery installed - 6.67 cm x 13.33 cm x 27.94 cm
- Weight: Main unit with DSX-5000 module and battery installed 1.28 kg
- Main unit and remote: Lithium ion battery pack, 7.2 V
- Typical battery life: 8 hours
- Charge time: tester off - 4 hours charge from 10 % capacity to 90 % capacity
- Languages supported: English, French, German, Spanish, Portuguese, Italian, Japanese and simplified Chinese
- Calibration: Service center calibration period is 1 year



349457 / ACT-DSX-5000
FLUKE DSX-5000 cable analyzer

FLUKE DTX-1800 Cable Analyzer

The DTX CableAnalyzer Series from Fluke Networks is the testing platform for today and tomorrow. This revolutionary future-proof platform significantly reduces total time to certify by improving every aspect of the testing process. DTX CableAnalyzer Series significantly reduces your total time to certify. Time is money. DTX saves you both with CAT 6 certification in 9 seconds advanced diagnostics troubleshooting faults twice as fast. Fastest set up and results management times. Tester accuracy exceeding Levels IIIe and IVUL accuracy classification. It starts with a 9-second CAT 6 autotest. That means you can meet TIA-568-C and ISO 11801:2002 certification requirements and receive structured cabling warranties faster than ever before.

- Intuitive user interface: technicians require less training/adjustment and have more time for testing
- Test speed: 12 seconds for a CAT 6 certification
- Precision conforms to Level IV. The most accurate test results in the shortest possible time
- Extended, time-saving diagnosis. Accurately determines the error location and is the only tester to suggest remedial, this saves time when troubleshooting
- Certifies a glass fibre pair in 12 seconds with DTX single mode and multi-mode glass fibre modules
- 12 hour battery operation
- Achieve faster results. From configuration to compilation of test reports: LinkWare™ cable test management software provides you with a simple user interface and time-saving features so you can work more productively



170686 / ACT-DTX 1800
FLUKE DTX-1800 cable analyzer

DIGITUS® Visual Fault Locator, 650 nm, 5 mW

The DIGITUS® visual fault locator is an indispensable tool for any fiber optics technician and installer. The device is used to inspect the fiber and find failures in the fiber link. It can be used both with singlemode and multimode fiber. You can switch between 3 laser modes. One of them allows a stable red light. The high quality laser diode ensures long lifetime.

- Version: 5 mW
- Wavelength of optical sources: 650±10 nm
- Applicable fiber type: singlemode and multimode
- Working time: 20 h
- Connector: 2.5 mm universal connector
- Working temperature: -20~+60°C (without condensation)
- Storage temperature: -40~+85°C



349518 / DN-VFL-650-5
Visual fault locator, 650 nm, 5 mW

DIGITUS® Visual Fault Locator, 650 nm, 5 mW, Pen Design

The DIGITUS® visual fault locator is an indispensable tool for any fiber optics technician and installer. The device is used to inspect the fiber and find failures in the fiber link. It can be used both with singlemode and multimode fiber. You can switch between 3 laser modes. One of them allows a stable red light. The high quality laser diode ensures long lifetime.

- Version: 5 mW
- Wavelength of optical sources: 650±10 nm
- Applicable fiber type: singlemode and multimode
- Working time: 20 h
- Connector: 2.5 mm universal connector
- Working temperature: -20~+60°C (without condensation)
- Storage temperature: -40~+85°C



349532 / DN-VFL-650-5-P
Visual fault locator, 650 nm, 5 mW, pen design

Sumitomo Splicer T-71

The Sumitomo T-71 is a fully automatic splicer with core-to-core positioning. With the proven PAS System (Profile Alignment System), MMF, SMF, BIF as well as special fibers can be processed.

The T-71 has a flexible fiber handling concept and enables the use of coating terminals or alternatively, fiber holders. This also enables the assembly of Lynx FOC connectors.

The T-71 corresponds to protection class IP 52, supports splicing processes of up to 15 m/s wind velocity and is designed for tough field applications.

The patented Sumitomo ARC Test enables the compensation of environmental conditions which influence quality as well as high-quality splicing, even of greatly varying types of fibers (e.g. old to new cables).

In fully automatic mode, the device clearly detects the inserted type of fiber and selects the corresponding splicing program.

The battery capacity of ca. 400 splices enables flexible and off-grid functioning.



352204 / A-F0-SD-T71
Sumitomo splicer T-71

Sumitomo Separator FC-6RS-C

When preparing the fibers for splicing, particular attention must be paid to an exact break of the fiber endface at a 90° angle to the fiber axis.

This break is created with special cleavers or separators. The Sumitomo Separator works according to the so-called Ritz Bending Theory and provides you with top precision and user friendliness in robust versions suitable for field applications.

Furthermore, the Sumitomo Separator distinguishes itself through a separator blade that rotates automatically. Laborious separator blade adjustments in the field are now a thing of the past.

The automatic disposal of the fiber residues in the waste container furthermore prevents any dangerous contact with the fiber residues and thus enables safe working conditions.



352235 / A-F0-SD-FC6RSC
Sumitomo separator FC-6RS-C

Performance features (Splicer T-71)

- Compact, lightweight and robust
- User-friendly because the touch screen and integrated help videos
- Only 7 seconds of splicing time (SMF)
- Protection class IP 52, draft shield up to 15 m/s
- Fully automatic detection of fiber type
- Internal memory for 10,000 results with a statistical analysis
- Automatic compensation of environmental influences through the ARC test and compensation
- Variable fiber handling concept (coating terminals or fiber holders, Lynx compatible)
- 400 splicing processes with one battery
- Operation possible via the car voltage supply
- No mirror in the draft shield: Reduces susceptibility to temperature fluctuations
- Dimensions (WxHxD): 120 x 130 x 154 mm
- 2.1 kg weight incl. battery

Mechanical properties (Splicer T-71)

- Types of fiber: SM (ITU-T G652), MM (G651), DS (G653), PS (G654), NZ (G655 & G656), BIF (G657), EDF, CSF and others
 - Display: up to 700-times magnification (zoom function)
 - Model Damping values*: SM 0.02 dB, MM 0.01 dB, DS 0.04 dB, NZ 0.04 dB
 - Alignment: Core, auto IAS for non-concentric SMF, diameter / sheath
 - Fiber dimensions: 80 - 150 μ m cladding glass
 - Coating dimensions: 100 - 1000 μ m
 - Separating lengths: Primary coating 5 mm, tight secondary coating: 10 mm, loose tube secondary coating: 20 mm
 - Fiber handling: Coating terminals or individual fiber holders (changeable in the field)
 - Lynx connector types: All Sumitomo Lynx connectors (single fiber) can be processed
 - Avg. splicing time: 7s (SMF mode: fast), 10 s (SMF mode: auto)
 - Tensile test: 1.96 N
 - Avg. shrinking time: 28 s for 60 mm (with ADC-1430)
 - Fiber detection: SMF, MMF, NZDSF, EDF and custom
 - Compensation of environmental conditions: ARC Test plus automatic ARC compensation prior to each splicing process
 - Programs: splicing programs: up to 300, editable; heater programs: up to 100, editable
 - Heat-shrink ovens: Two individually controlled heat shrink-ovens with auto start function
 - Splicing memory (internal, SD): 10,000 splicing results internally, with the SD card only limited by the size of the SD cards
 - Image memory (internal, SD): 64 image files, with the SD card only limited by the size of the SD cards
 - Statistical analysis: Break angle deviation and damping values for splicing memory
 - Working conditions: -10°C/+50°C, <95 % humidity, 6000 m, 15 m/s Wind
 - Storage conditions: -40°C/+70°C, <95 % humidity
 - Interfaces: Data: USB 2.0 mini; voltage output: 12V DC
 - Storage medium: SD card (up to 16 GB)
 - Power supply: 100~240 V AC, 50/60 Hz, 1.1A via ADC-1430, 12 V car adapter (SU-PC-V11)
 - Battery: BU-11 4.6 Ah, Li-Ion: > 400 splicing processes (without oven)
 - Dimensions (WxDxH)**: 120 x 154 x 130 mm, 4.1" LCD, 2.1 kg incl. battery
 - Protection class***: IP 52
 - Damping splices: Programmable from 0 to 15 dB in 0.1 dB increments
- * Splicing conditions: damping values determined with separated and re-spliced, identical Sumitomo fibers
- ** Dimensions: measured without rubber protective elements
- *** Protection class when draft protection is closed

Mechanical properties (Splicer FC-6RS-C)

- Types of fiber: 125 μ m SMF, MMF, NZDSF, BIF and others
- Fiber holder: Possible
- Separating length 250 μ m: 5 - 20mm (single fiber)/10mm (fiber holder)
- Separating length 900 μ m: 10 - 20mm (single fiber)/10mm (fiber holder)
- Number of fibers: 1
- Ribbons: not recommended
- Dimensions: 100 x 81 x 63 mm
- Weight: 431 g
- Number of separations: 48.000
- Rotating separator blade (no manual adjustments necessary)

Flexible. Intelligent. Innovative. Our Datacom product line

We offer you an entire world of structured building cabling. On the following pages you will find our Datacom product line, the corresponding consoles, KVM switches, and our video solutions. Administrative consoles are indispensable in every large data center. They can help you administer individual or multiple servers. Both the necessary peripherals, as well as the TFT screen, keyboard and touchpad, disappear into the wiring closet using just one rack unit. ASSMANN's modularly constructed consoles offer you many possible varieties and can be effortlessly adjusted for other needs.

Special Tip: The new WDR camera series from ASSMANN. These cameras meet the most stringent quality standards. Thanks to their Wide Dynamic Range (WDR) technology, the six cameras in the current product family can provide crystal-clear surveillance video even in low-lighting conditions. These wide-ranging models are designed for indoor and outdoor use and can be utilized as an intelligent video surveillance system together with the appropriate network recorder.



DATAKOM & VIDEO SOLUTIONS



DIGITUS® Console with 43.2 cm (17") TFT, Keyboard & Touchpad

The DIGITUS® TFT consoles are a space-saving and functional solution for a comfortable connection to PCs, servers or KVM installations in a rack-mounting area. They combine three devices in one and occupy only 1U in a rack.

- Non-reflective and break-proof LCD monitor 43,2 cm (17")
- Optimum resolution: 1280 x 1024 at 60 Hz
- Highest resolution: 1920 x 1080 at 60 Hz
- Console could save almost 85 % space
- Contrast rate: 1000:1
- Supports: 16,7 M Colors
- Ultra thin keyboard
- Mouse touch board with two function buttons
- The console can be totally pulled out from the cabinet and the LCD screen can be tilted by 120 degrees
- Gross weight: 18,6 kg
- Front panel with lock to prevent damage by accident
- Space-saving steel sheet housing (1U height), black (RAL 9005)
- German keyboard-layout (99 keys)
- Dimensions (WxDxH): 446 x 636 x 42 mm
- Connection cables included (1.8 m)



DIGITUS® KVM Cable PS/2 / USB for DIGITUS® KVM Consoles
DS-19231 // DS-19232 // DS-19233



323402 / DS-72001GE Console with 43.2 cm (17") TFT, German keyboard	350927 / DS-72002IT Console with 43.2 cm (17") TFT, 8-port KVM, Italian keyboard
323419 / DS-72001US Console with 43.2 cm (17") TFT, English keyboard	350934 / DS-72002TR Console with 43.2 cm (17") TFT, 8-port KVM, Turkish keyboard
350828 / DS-72001FR Console with 43.2 cm (17") TFT, French keyboard	350941 / DS-72002RU Console with 43.2 cm (17") TFT, 8-port KVM, Russian keyboard
350835 / DS-72001ES Console with 43.2 cm (17") TFT, Spanish keyboard	350958 / DS-72002CH Console with 43.2 cm (17") TFT, 8-port KVM, Swiss keyboard
350842 / DS-72001IT Console with 43.2 cm (17") TFT, Italian keyboard	323433 / DS-72003GE Console with 43.2 cm (17") TFT, 16-port KVM, German keyboard
350859 / DS-72001TR Console with 43.2 cm (17") TFT, Turkish keyboard	323440 / DS-72003US Console with 43.2 cm (17") TFT, 16-port KVM, English keyboard
350866 / DS-72001RU Console with 43.2 cm (17") TFT, Russian keyboard	350965 / DS-72003FR Console with 43.2 cm (17") TFT, 16-port KVM, French keyboard
350880 / DS-72001CH Console with 43.2 cm (17") TFT, Swiss keyboard	350972 / DS-72003ES Console with 43.2 cm (17") TFT, 16-port KVM, Spanish keyboard
323426 / DS-72002GE Console with 43.2 cm (17") TFT, 8-port KVM, German keyboard	350989 / DS-72003IT Console with 43.2 cm (17") TFT, 16-port KVM, Italian keyboard
323457 / DS-72002US Console with 43.2 cm (17") TFT, 8-port KVM, English keyboard	350996 / DS-72003TR Console with 43.2 cm (17") TFT, 16-port KVM, Turkish keyboard
350897 / DS-72002FR Console with 43.2 cm (17") TFT, 8-port KVM, French keyboard	351009 / DS-72003RU Console with 43.2 cm (17") TFT, 16-port KVM, Russian keyboard
350910 / DS-72002ES Console with 43.2 cm (17") TFT, 8-port KVM, Spanish keyboard	351016 / DS-72003CH Console with 43.2 cm (17") TFT, 16-port KVM, Swiss keyboard



High-Quality 483 mm (19") LCD-KVM Consoles

DIGITUS® Console with 48.3 cm (19") TFT, Keyboard & Touchpad

The DIGITUS® TFT consoles are a space-saving and functional solution for a comfortable connection to PCs, servers or KVM installations in a rack-mounting area. They combine three devices in one and occupy only 1U in a rack.

- Non-reflective and break-proof LCD monitor 48.3 cm (19")
- Optimum resolution: 1280 x 1024 at 60 Hz
- Highest resolution: 1920 x 1080 at 60 Hz
- Console could save almost 85 % space
- Contrast rate: 1000:1
- Supports: 16,7 M Colors
- Ultra thin keyboard
- Mouse touch board with two function button
- The console can be totally pulled out from the cabinet and the LCD screen can be tilted by 120 degrees
- Gross weight: 18,6 kg
- Front panel with lock to prevent damage by accident
- Space-saving steel sheet housing (1U height), black (RAL 9005)
- German keyboard-layout (99 keys)
- Dimensions (WxDxH): 446 x 636 x 42 mm
- Connection cables included (1.8 m)



DIGITUS® KVM Cable PS/2 / USB for DIGITUS® KVM Consoles
DS-19231 // DS-19232 // DS-19233



323488 / DS-72011GE Console with 48.2 cm (19") TFT, German keyboard	351290 / DS-72012IT Console with 48.2 cm (19") TFT, 8-port KVM, Italian keyboard
323495 / DS-72011US Console with 48.2 cm (19") TFT, English keyboard	351313 / DS-72012TR Console with 48.2 cm (19") TFT, 8-port KVM, Turkish keyboard
351023 / DS-72011FR Console with 48.2 cm (19") TFT, French keyboard	351344 / DS-72012RU Console with 48.2 cm (19") TFT, 8-port KVM, Russian keyboard
351030 / DS-72011ES Console with 48.2 cm (19") TFT, Spanish keyboard	351375 / DS-72012CH Console with 48.2 cm (19") TFT, 8-port KVM, Swiss keyboard
351047 / DS-72011IT Console with 48.2 cm (19") TFT, Italian keyboard	323525 / DS-72013GE Console with 48.2 cm (19") TFT, 16-port KVM, German keyboard
351191 / DS-72011TR Console with 48.2 cm (19") TFT, Turkish keyboard	323938 / DS-72013US Console with 48.2 cm (19") TFT, 16-port KVM, English keyboard
351207 / DS-72011RU Console with 48.2 cm (19") TFT, Russian keyboard	351450 / DS-72013FR Console with 48.2 cm (19") TFT, 16-port KVM, French keyboard
351214 / DS-72011CH Console with 48.2 cm (19") TFT, Swiss keyboard	351696 / DS-72013ES Console with 48.2 cm (19") TFT, 16-port KVM, Spanish keyboard
323501 / DS-72012GE Console with 48.2 cm (19") TFT, 8-port KVM, German keyboard	351702 / DS-72013IT Console with 48.2 cm (19") TFT, 16-port KVM, Italian keyboard
323518 / DS-72012US Console with 48.2 cm (19") TFT, 8-port KVM, English keyboard	351733 / DS-72013TR Console with 48.2 cm (19") TFT, 16-port KVM, Turkish keyboard
351245 / DS-72012FR Console with 48.2 cm (19") TFT, 8-port KVM, French keyboard	351788 / DS-72013RU Console with 48.2 cm (19") TFT, 16-port KVM, Russian keyboard
351283 / DS-72012ES Console with 48.2 cm (19") TFT, 8-port KVM, Spanish keyboard	351863 / DS-72013CH Console with 48.2 cm (19") TFT, 16-port KVM, Swiss keyboard

DIGITUS® IP Function Module for KVM Switches

Remote WEB-based management remotely access computers via LAN, WAN, or the Internet

The DIGITUS® IP modules are ideal for use with KVM switches in small to medium server rooms, where an administrator access must be guaranteed at any time from any location. They provide direct connection via a KVM switch connected to the computer via an existing Internet connection with a browser.

- Remote KVM (keyboard, video and mouse) access over IP
- For DS-23100-1, DS-23200-1, DS-23300-1
- Remotely access computers via LAN, WAN, or the Internet
- Full control under all OS, in BIOS level, during boot, or at Blue Screens
- Remote port selection switch for convenient switch placement
- Remote WEB-based management
- DES encryption of all transmitted data
- IP access via 10/100/1000Mbps LAN



340218 / DS-51000
IP function module for KVM switches

DIGITUS® KVM Cable PS/2 / USB for DIGITUS® KVM Console and KVM Switch

DIGITUS® consoles with integrated KVM, for PS/2 / USB, VGA servers

- HDDB15/M <=> HDDB15/M, 2 x MiniDIN6/M, 1 x USB/M
- Connectors color coded: keyboard (violet), mouse (green), USB (black) and monitor (blue)
- Suitable for DIGITUS® TFT consoles with integrated KVM switch
- Suitable for: DS-720xx; DS-23100-1; DS-23200-1; DS-23300-1



329947 / DS-19231
KVM Cable PS/2 / USB for DIGITUS® KVM console and KVM switch, 1.8 m

329954 / DS-19232
KVM Cable PS/2 / USB for DIGITUS® KVM console and KVM switch, 3 m

329961 / DS-19233
KVM Cable PS/2 / USB for DIGITUS® KVM console and KVM switch, 5 m



DIGITUS® USB-PS/2 Combo-KVM Switch

The high quality KVM switches with IP function (optional) are ideal for using in small to middle sized server rooms in which an access of the administrator must be guaranteed at any time from any place. They provide direct connection from a local console or even due to remote control over an existing internet connection with an according browser. Due to the possibility to upgrade the firmware, the KVM switches fit simply to all new conditions.

- Controls several PCs with one PS/2 or USB keyboard, one PS/2 or USB mouse, and one monitor
- Remote KVM (keyboard, video and mouse) access over IP
- IP access via 10/100/1000 Mbps LAN with DS-51000 (optional)
- Full control under all OS, in BIOS level, during boot, or at Blue Screens
- No additional installation software required
- Remote power wakeup on the target computer
- Extension via cascading possible
- resolution 1280 x 1024 at 60 Hz
- Hot plug support
- Emulates a keyboard on each PC to allow your computers to boot normally without a keyboard error
- Autoscan (5 to 90 sec., selectable)
- Compliant to USB 2.0 specification
- Up to 50 users profile
- Persistent logging of all important events
- Upgradeable firmware
- Rack mountable
- Supports Windows, Mac, Linux and Sun Micro Systems



DIGITUS® IP modul for KVM switch // **DS-51000**



DIGITUS® KVM cable PS/2 / USB for DIGITUS® KVM consoles and KVM switches
DS-19231 // DS-19232 // DS-19233



340140 / DS-23100-1
USB-PS/2 Combo KVM switch, 4-port

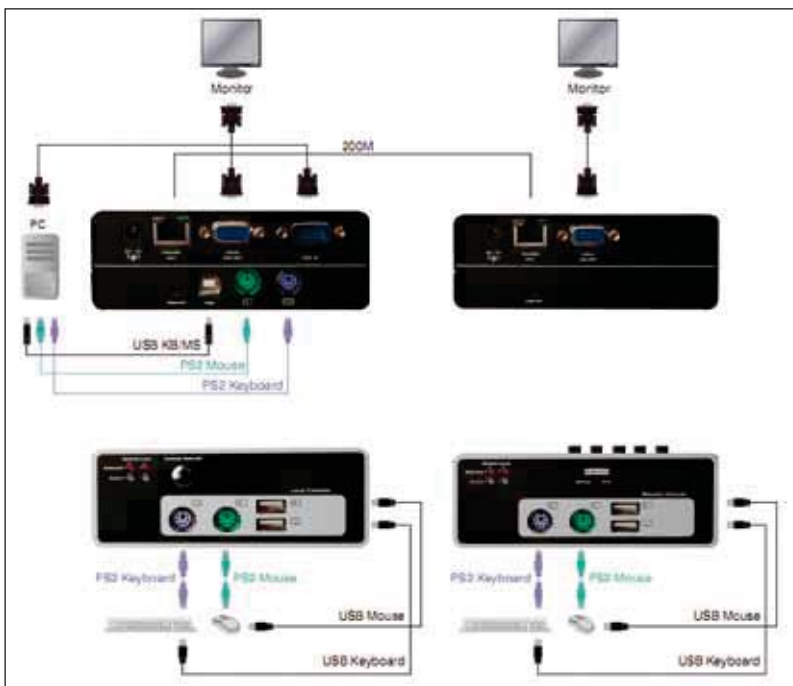
340157 / DS-23200-1
USB-PS/2 Combo KVM switch, 8-port

340164 / DS-23300-1
USB-PS/2 Combo KVM switch, 16-port

DIGITUS® Combo KVM Extender with USB and PS/2

This Combo KVM Extender allows an extension of VGA video, USB, and / or PS/2 signals up to a distance of 200 meters away from the signal source. With the built-in video and keyboard/mouse signal amplifiers an excellent quality of video resolutions can be achieved.

- Extends keyboard, video, and mouse signals via Cat5 cables
- Dual console operation possible - controls your system locally and remotely
- Push button at local side to select active console
- Options available to control console settings: local / remote / local and remote
- Local and remote consoles allow connections of USB and / or PS/2 keyboards / computer mice
- Allows computer connections via USB and / or PS/2 interfaces at local console
- Supports high video resolutions of up to 1920 x 1080 pixels at max. 75 m; 1280 x 1024 pixels up to 200m, at 60Hz
- Remote monitor DDC2B supported
- Control of focus, brightness, and color skew at remote side ensures perfect video quality
- No software or driver installations required
- Supports access to BIOS level
- LEDs on both devices indicate active console and connection status
- Firmware upgradeable
- Supports Windows®, Mac, Linux and Sun Micro Systems
- Dimensions local / remote (LxWxH): 125 x 78 x 46 mm
- Package contents: 1 x local unit; 1 x remote unit; 1 x user manual; 1 x VGA female to male cable, 1 x USB cable; 2 x power adaptor DC 5V 2A



Local



Remote





KVM Extender

DIGITUS® USB KVM Extender Over CAT 5

Move your console to the most convenient place – Enjoy flexibility!

Extends the video, USB keyboard and mouse signal by CAT 5 up to 200 m

- High resolution video up to 1280 x 1024 @ 60 Hz for distances of up to 200 meters
- High quality resolutions thanks to the built-in video, keyboard and mouse signal enhancement
- Dual console operation - Control your system from both the local and remote unit
- Selection of the active console via push button at local side
- Three active console options: local console / remote console / both consoles
- Supports keyboard/mouse connection of USB interface to computer at local side
- DDC2B support for remote monitor
- No software or driver installation required
- Supports BIOS level operation
- Firmware upgradeable
- Compatible with most commonly used operating systems like DOS, Windows 98SE/ME/2000/XP/2003 Server/Vista/7, Linux, Mac OS9/OSX and Sun Microsystems



Matching accessories
DS-15003 Rackmount kit



Local



Remote



306054 / DS-51200
USB KVM extender over CAT 5 up to 200 m

DIGITUS® KVM Extender Over CAT 5

Perfect for moving the console away from KVM switch to the most convenient place

The extension of VGA, PS/2 keyboard, PS/2 mouse signal up to 180 meter away by using the KVM Extender and one CAT 5 cable.

- Max. resolution 1280 x 1024 pixels
- Support Auto/Manual video quality adjustment
- Support video gain, equalization and RGB skew adjust
- Support three hot keys to combine other equipment
- Two control privilege modes – „Share“ & „Local only“
- Extra console port is available on local side
- Auto console selection between local and remote



232711 / DC-51102
KVM extender 180 m, local + remote

DIGITUS® RS232 Extender Over CAT 5, 300 m

- Compatible with all RS232 protocols
- Full-duplex data communication
- Sends RS232 data at 230 kbps up to 300 m (1000 ft.)
- Pure hardware solution - real time data transfer, no software conflicts
- Transfer data or files between PCs, equipments
- Extension over CAT 5 cable
- Connections locale and remote side: 1x DB-9 Female; 1x RJ45 Female; power supply



223887 / DC-52101
RS232 extender, 300 m

DIGITUS® CAT 5 Audio Extender

Uses a simple Ethernet cable to extend audio and microphone signals

With the DIGITUS® CAT 5 audio extender you are able to extend audio stereo and microphone signals up to 300 meter away by using the audio extender and one CAT 5 cable.

- Extension of audio signals up to 300 m
- Audio out supports multimedia speakers, headphones or earphones
- Mic In supports condenser microphone and dynamic microphone
- Built-in microphone preamplifier
- Microphone gain adjustable
- Package contents: 1x audio extender local unit, 1x audio extender remote unit, 1x user manual, 1x power adapter DC 9V/300mA, 1x connection cable to the audio source



254768 / DC-56100
CAT 5 audio extender, 300 m



VGA Video Splitter

DIGITUS® VGA Splitter 350 MHz, 2-Port

With a video splitter you can use one video source to display identical images on 2, 4, 8, or 16 monitors - or on even more screens by means of cascading. Thus, a video splitter can be used in various application fields, e.g. test bench facilities, data centers, help desks, video broadcasting, presentations and educational facilities.

- Plastic housing
- Video bandwidth: 350 MHz
- Max. resolution: 1920 x 1080 p
- DDC, DDC2, DDC2B support
- Cascadable (max. 64)
- Max. transmission distance: 75 m
- Video IN/OUT: HD DSUB, 15-pin, jacks



323839 / DS-41120-1
VGA splitter 350MHz, 2-port

DIGITUS® VGA Splitter 350 MHz, 2-Port

With a video splitter you can use one video source to display identical images on 2, 4, 8, or 16 monitors - or on even more screens by means of cascading. Thus, a video splitter can be used in various application fields, e.g. test bench facilities, data centers, help desks, video broadcasting, presentations and educational facilities.

- Video bandwidth: 350 MHz
- Max. resolution: 2048 x 1536 p @60 Hz
- DDC, DDC2, DDC2B support
- Cascadable (max. 64)
- Metal housing for better EMI shielding
- Max. transmission distance: 75 m
- Video IN/OUT: HD DSUB, 15-pin, jacks



325024 / DS-41100
VGA splitter 350MHz, 2-port

DIGITUS® VGA Splitter 500 MHz, 2-Port

With a video splitter you can use one video source to display identical images on 2, 4, 8, or 16 monitors - or on even more screens by means of cascading. Thus, a video splitter can be used in various application fields, e.g. test bench facilities, data centers, help desks, video broadcasting, presentations and educational facilities.

- Enables to split a video-signal from a PC onto 2 monitors, or other video output devices
- Video bandwidth: 500 MHz
- Max. resolution: 2048 x 1536 p @60 Hz
- Max. transmission distance: 75 m
- Cascadable (max. 64)
- Metal housing for better EMI shielding
- DDC, DDC2, DDC2B support
- Video IN/OUT: HD DSUB, 15-pin, jacks



323808 / DS-41110
VGA splitter 500 MHz, 2-port

DIGITUS® VGA Splitter 350 MHz, 4-Port

With a video splitter you can use one video source to display identical images on 2, 4, 8, or 16 monitors - or on even more screens by means of cascading. Thus, a video splitter can be used in various application fields, e.g. test bench facilities, data centers, help desks, video broadcasting, presentations and educational facilities.

- Plastic housing
- Video bandwidth: 350 MHz
- Max. resolution: 1920 x 1080 p
- DDC, DDC2, DDC2B support
- Cascadable (max. 64)
- Max. transmission distance: 75 m
- Video IN/OUT: HD DSUB, 15-pin, jacks



323853 / DS-42120-1
VGA splitter 350 MHz, 4-port

DIGITUS® VGA Splitter 350 MHz, 4-Port

With a video splitter you can use one video source to display identical images on 2, 4, 8, or 16 monitors - or on even more screens by means of cascading. Thus, a video splitter can be used in various application fields, e.g. test bench facilities, data centers, help desks, video broadcasting, presentations and educational facilities.

- Video bandwidth: 350 MHz
- Max. resolution: 2048 x 1536 p @60 Hz
- DDC, DDC2, DDC2B support
- Cascadable (max. 64)
- Metal housing for better EMI shielding
- Max. transmission distance: 75 m
- Video IN/OUT: HD DSUB, 15-pin, jacks



323785 / DS-42100
VGA splitter 350 MHz, 4-port

DIGITUS® VGA Splitter 500 MHz, 4-Port

With a video splitter you can use one video source to display identical images on 2, 4, 8, or 16 monitors - or on even more screens by means of cascading. Thus, a video splitter can be used in various application fields, e.g. test bench facilities, data centers, help desks, video broadcasting, presentations and educational facilities.

- Enables to split a video-signal from a PC onto 4 monitors, or other video output devices
- Video bandwidth: 500 MHz
- Max. resolution: 2048 x 1536 p @60 Hz
- DDC, DDC2, DDC2B support
- Cascadable (max. 64)
- Metal housing for better EMI shielding
- Max. transmission distance: 75 m
- Video IN/OUT: HD DSUB, 15-pin, jacks



323815 / DS-42110
VGA splitter 500 MHz, 4-port

DIGITUS® VGA Splitter 350 MHz, 8-Port

With a video splitter you can use one video source to display identical images on 2, 4, 8, or 16 monitors - or on even more screens by means of cascading. Thus, a video splitter can be used in various application fields, e.g. test bench facilities, data centers, help desks, video broadcasting, presentations and educational facilities.

- Video bandwidth: 350 MHz
- DDC, DDC2, DDC2B support
- Cascadable (max. 64)
- Metal housing for better EMI shielding
- Max. transmission distance: 75 m
- Video IN/OUT: HD DSUB, 15-pin, jacks
- Max. resolution: 2048 x 1536 p @60 Hz



323792 / DS-43100

VGA splitter 350 MHz, 8-port

DIGITUS® VGA Splitter 250 MHz, 16-Port

With a video splitter you can use one video source to display identical images on 2, 4, 8, or 16 monitors - or on even more screens by means of cascading. Thus, a video splitter can be used in various application fields, e.g. test bench facilities, data centers, help desks, video broadcasting, presentations and educational facilities.

- Enables to split a video-signal from a PC onto 16 monitors, or other video output devices
- Video bandwidth: 250 MHz
- Max. resolution: 1920 x 1080 p @60 Hz
- Max. transmission distance: 75 m
- Cascadable (max. 64)
- Metal housing for better EMI shielding
- DDC, DDC2, DDC2B support
- Video IN/OUT: HD DSUB, 15-pin, jacks



323846 / DS-42140

VGA splitter 250 MHz, 16-port

DIGITUS® VGA Switch 2 PCs, 1 Monitor

The VGA video switch is the excellent solution for connecting and switching between multiple PCs to one display. It eliminates the hassle of having to swap out connections to the display and allows easy selecting of the video source by the push of a button.

- Ideal for school classes, workshops, training rooms, etc.
- 2 inputs (PC), 1 output (monitor, beamer, etc.)
- Max. resolution: 1920 x 1080 p @60 Hz
- Video bandwidth 250 MHz
- DDC, DDC2, DDC2B support
- Video input connections: HDSUB15/female
- Video output connections: HDSUB15/female



323532 / DS-44100-1

VGA switch 250 MHz, 2 inputs, 1 output

DIGITUS® VGA Switch 4 PCs, 1 Monitor

The VGA video switch is the excellent solution for connecting and switching between multiple PCs to one display. It eliminates the hassle of having to swap out connections to the display and allows easy selecting of the video source by the push of a button.

- Ideal for school classes, workshops, training rooms, etc.
- 4 inputs (PC), 1 output (monitor, beamer, etc.)
- Video bandwidth 250 MHz
- Max. resolution: 1920 x 1080 p @60 Hz
- DDC, DDC2, DDC2B support
- Video input connections: HDSUB15/female
- Video output connections: HDSUB15/female



323549 / DS-45100-1

VGA switch 250 MHz, 4 inputs, 1 output



DIGITUS® Video/Audio Matrix

Ideal for distributing video in classrooms, at exhibits, trade shows, demonstrations, and for multi-media presentations

Using a video/audio matrix you can display / play images / audio signals on up to 4 screens / speakers (or earphones) using 2 different PCs. It is also possible to control the sources of images.

- Intelligent functionality
- Can be cascaded
- Featuring 250 MHz video bandwidth, suitable for DDC, DDC2, DDC2B
- Supports VGA, SVGA, UXGA, QXGA resolutions
- Can be used for Multi-Sync video types, including RGBHV, RGsB, RGBS
- Supports synchronizations, positive & negative; TTL or 1Vpp level
- VGA outputs compatible with standard VGA cards
- Extends video signal up to 65 meters (213 feet)
- Audio frequency response 20 Hz~20 KHz
- Using the switches on the front side you can turn on/off video signal sources and output signals (Out/All)
- Dimensions (LxWxH, weight): 130 x 75 x 42 mm, 450 g
- Package contents: 1x video/audio matrix, 1x user manual, 1x power adaptor DC 12 V, 600 mA



255697 / DC-47100

Video/audio matrix 2x2

DIGITUS® Video/Audio Matrix

Ideal for distributing video in classrooms, at exhibits, trade shows, demonstrations, and for multi-media presentations

Through the video/audio matrix DC-48101, you can display / play different images / audio signals to 4 screens / speakers (or earphones) through 4 PC. And you can also control the source of image / audio by selecting PC signal source 1~4 or turning off source input. Video/audio matrix is ideal for test bench facilities, data center, help desks, video broadcasting, presentation, stock quotes, timetables, educational facilities, etc.

- Intelligent functionality
- Can be cascaded
- With 350 MHz pixel frequency, supports DDC, DDC2, DDC2B
- Supports VGA, SVGA, UXGA, QXGA resolutions
- Support Multi-Sync video type include RGBHV, RGsB, RGBS
- Support synchronization include positive, negative; TTL or 1Vpp level
- Four sets of 7-Segment LED can indicate the input setting status of input port quickly
- The output is compatible with standard VGA card
- Extends the video signal up to 65 meter (213 feet)
- The switches on panel can select PC signal source 1~4 as OUT 1 ~ 4 or turning off any signal I/O port / all I/O ports



233350 / DC-48101

Matrix switch 4x4

DIGITUS® VGA Matrix-Splitter, 250 MHz

The convenient and complete video signal distributing solution

With this video matrix splitter it is possible to choose one video signal out of two video source and to display the signal on several monitors.

- 2 switchable inputs (PC), 4 outputs (Monitor)
- Built-in line amplifier, up to 65 m
- Maximum resolution 1920 x 1440 pixels at 60 Hz
- Video bandwidth 250 MHz
- DDC, DDC2, DDC2B support
- Cascadable
- Video input connections: HDSUB15/female
- Video output connections: HDSUB15/female
- Dimensions (LxWxH; Weight): 130 x 75 x 42 mm; 455 g



279327 / DS-47110-1

VGA video matrix, 2 inputs, 2 outputs

279334 / DS-48110-1

VGA video matrix, 2 inputs, 4 outputs

DIGITUS® VGA Booster, 65 m

Boost a video signal in a way that the transmission is possible up to a distance of 65 m.

- VGA line amplifier, up to 65 m
- Maximum resolution 1920 x 1440 pixels at 60 Hz
- Video bandwidth 300 MHz
- DDC, DDCB, DDC2B support
- Cascadable
- Video IN: HDSUB15/male
- Video OUT: HDSUB15/female
- Incl. power supply
- Dimensions (LxWxH; Weight): 97 x 56 x 26 mm; 80 g



285366 / DS-53900-1
VGA booster, 65 m

DIGITUS® VGA Extender Over CAT 5

Uses simple Ethernet cable to extend VGA displays

Through the VGA Extender, you can use one PC to display identical image and extension of VGA signal up to various meter on monitor.

- VGA extension over CAT 5 cable
- Distance up to 80 m between PC and monitor
- Video resolution up to 1280 x 1024 pixels at 60 Hz
- Connection of one remote display
- Equalization length is adjustable
- VGA signal gain is adjustable
- Package contents: 1x VGA extender local unit, 1x VGA extender remote unit, 1x user manual, 1x power adapter DC 12 V/600 mA, 1x VGA cable 1.2 m cable (HD DSUB, 15-pin, plug to plug)



255710 / DC-53100
VGA extender, 80 m, single port

223894 / DC-53101
VGA extender, 180 m, single port

223900 / DC-53401
VGA extender, local and remote port

DIGITUS® VGA Extender / Splitter Over CAT 5

Uses simple Ethernet cables to extend and distribute the VGA display signal

This VGA Extender makes it possible to extend your VGA signal by up to 300 m and to display your PC's image on distant screens.

- VGA extension over CAT 5 cable
- Distance of up to 300 m between PC and monitor
- Video resolution up to 1280 x 1024 pixel at 60 Hz
- Possibility to connect one local monitor
- Connection of two remote displays over remote units (not within scope of delivery)
- Equalization length is adjustable
- VGA signal gain is adjustable



223917 / DC-53501
VGA extender, 2-port

223924 / DC-53601
VGA extender, 4-port

DIGITUS® VGA Extender - Remote Unit

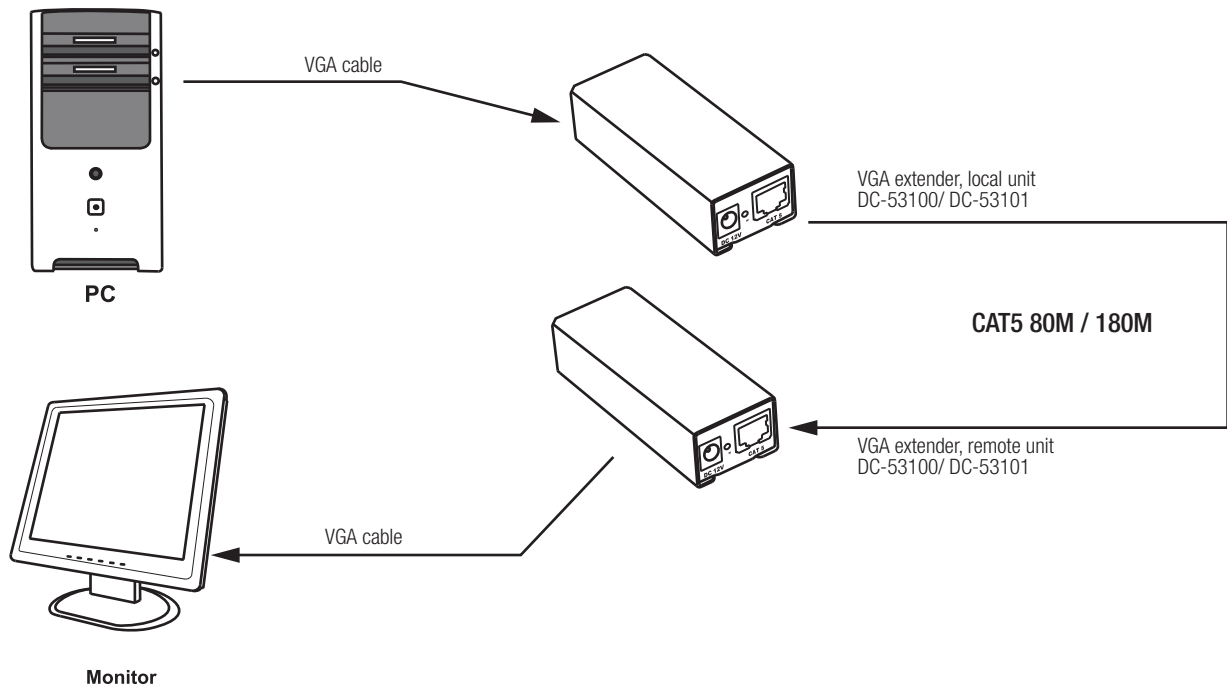
DIGITUS® original accessory

- Remote unit for video-extender for a reach up to 180 m (DC-59301) or even up to 300 m (DC-59302)
- Dimensions (LxWxH, Weight): 92 x 34 x 22 mm, 140 g
- Package contents: 1x remote unit, 1x user manual, 1x power adapter DC 12 V/600 mA



223948 / DC-59301
Remote unit for video-extender, 180 m

Example of Use - CAT 5 VGA Extender:



DIGITUS® DVI Video/Audio Splitter

Supports max. resolution up to 1920 x 1200 pixels

With a DVI video/audio splitter it is possible to display a signal from a DVI video source on several monitors/speakers.

- DVI video/audio splitter, 2-port
- Supports max. resolution up to 1920 x 1200 pixels and Full HD 1080 p
- Automatic power-save when Video input is lost
- Crisp clear video images
- LED indicators for signal activity monitoring
- Support EDID, HDCP and is Blu-Ray ready
- Cascadable
- Input and Output connections: DVI-Female
- incl. rackmount brackets



286356 / DS-41211

DVI video/audio splitter, 2-port

286363 / DS-42211

DVI video/audio splitter, 4-port

DIGITUS® DVI Repeater, 50 m

Boosts your DVI video signal up to a distance of 50 m

The compact DVI repeater extends the possible transmission distance of any DVI-D signal up to a length of 50m to reach projectors or monitors. It automatically equalizes and compensates cables losses.

- DVI line amplifier extends digital video up to 50 meters
- Maintains multiple high definition resolutions up to 1080 p or 1920 x 1200 for computers
- Video bandwidth 1.65 Gbps/165 MHz
- INPUT/OUTPUT connector: DVI-D female
- Easy to use, just plug and play



285687 / DS-54901

DVI repeater, 50 m

DIGITUS® DVI Extender over CAT 5, 70 m

Extension of DVI signal up to 70 m

The DVI CAT 5 extender extends your PC DVI transmission distance up to 70 meters through a simple CAT 5 cable. The possible resolutions depend on the extended distance.

- DVI-D extension over CAT 5 cable
- Supports max. resolution up to 1920 x 1200 pixels at a distance of 50 m
- Supports max. distance up to 70 m at a resolution of 800 x 600 pixels
- No external power supply needed



285694 / DS-54101

DVI extender over CAT 5; single port



HDMI Video Splitter

DIGITUS® HDMI pocket video splitter, 2-Port

With the DIGITUS® pocket HDMI splitter you can supply two HDMI displays from only one HDMI device.

- 1 input, 2 outputs
- Easy to install and simple to operate
- Supports a distance of up to 15 m
- Compatible with HDTV 480i, 480p, 720i, 720p, 1080i and 1080p
- Supports 3D all format, including 1080p @ 23.98/24 Hz, 720p @ 59.94/60 Hz/50 Hz
- Supports VGA, SVGA, XGA and UXGA
- HDMI High Speed (1.3b) and HDCP compatible
- Operation pixel frequency range: 25-225 MHz



276586 / DS-41302

Pocket HDMI splitter, 2-port

DIGITUS® HDMI Video Splitter, 2-Port/4-Port

- Simultaneous display of one HDMI video signal on different output devices
- Easy to use: install in seconds, no need of setting
- Cascadeable: large distribution achieved by cascading the HDMI amplifier splitter
- Highest supported video resolution 1080p
- Supports 3D all format, including 1080p @ 23.98/24 Hz, 720p @ 59.94/60 Hz/50 Hz
- Bandwidth: 225 MHz/2.25 Gbps per channel(6.75 Gbps all channel)
- Supports 12 bit per channel (36 bit all channel) deep color
- Supports HDCP
- Supports uncompressed audio such as LPCM
- Supports compressed audio such as DTS Digital, Dolby Digital (including DTS-HD and Dolby True HD)



271536 / DS-41300

HDMI Video splitter, 2-port

271543 / DS-42300

HDMI Video splitter, 4-port

DIGITUS® 8-Port HDMI Video Splitter

With the DIGITUS® HDMI splitter you can supply several HDMI displays from only one HDMI device.

- Splits one HDMI video input signal to eight outputs
- Easy to install and simple to operate
- Support HDMI High Speed
- Video resolution 1920x1080 pixel, supports 480i,576i,1080i, 480p,576p,720p,1080p
- Support 3D all format, including 1080p @ 23.98/24 Hz, 720p @ 59.94/60 Hz/50 Hz
- Bandwidth 225 MHz/2.25 Gbps per channel (6.75 Gbps all channel)
- Deep color 12 bit per channel (36 bit all channel)
- HDCP support
- Supports uncompressed audio such as LPCM, DTS Digital, Dolby Digital (including DTS-HD and Dolby True HD)



268987 / DS-43300

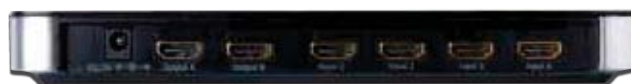
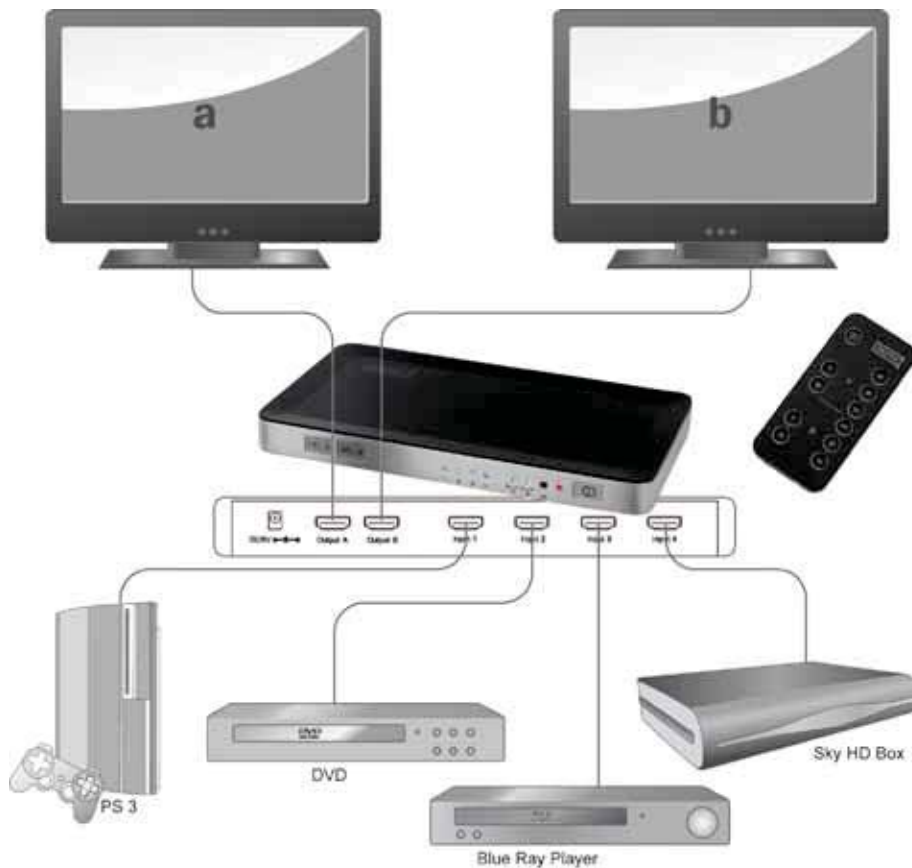
8-port HDMI video splitter

DIGITUS® HDMI Matrix Switch, 4 x 2-Port

The convenient and complete HDMI distributing solution for Home Entertainment

This HDMI matrix switch combines the advantages of an ordinary HDMI switch and a HDMI splitter. It routes one or two HDMI video signals from four available inputs to one or two selectable HDMI displays. This offers highest versatility for all integrated systems. All inputs are adapted for high definition video sources like HD-DVD, receivers, set-top boxes, game consoles, etc.

- Switch easily between any of up to four HDMI sources
- Distributes any of the four inputs to any or any combination of the two HDMI output displays
- Multi-switching methods: intelligent automatic, IR remote control or by touch button
- Highest supported video resolution 1080p
- Compatible to High Speed HDMI (1.3b)
- Bandwidth: 225 MHz/2.25 Gbps per channel (6.75 Gbps all channel)
- Supports 12 bit per channel (36 bit all channel) deep color
- Supports HDCP
- Supports uncompressed audio such as LPCM
- Supports compressed audio such as DTS Digital, Dolby Digital (including DTS-HD and Dolby True HD)
- Dimensions (DxWxH; Weight): 128 x 220 x 25 mm; 350 g



HDMI™
HIGH DEFINITION MULTIMEDIA INTERFACE





HDMI Switches

DIGITUS® Automatic HDMI Switch, 2-Port

With the automatic DIGITUS® HDMI switch you can supply one HDMI display from two HDMI devices. Switching will be done by itself automatically and take the latest presented device port as the current signal port or manually.

- 2 inputs, 1 output
- Easy to install and simple to operate - automatic switching
- Plug and play - No software required
- HDCP compliant
- Compatible with HDTV 480i, 480p, 720i, 720p, 1080i and 1080p
- Supports VGA, SVGA, XGA and UXGA
- HDMI High Speed compatible
- Supports for 8bit, and 12bit deep color per channel



271581 / DS-44302
HDMI automatic switch, 2-port

DIGITUS® HDMI Switch, 3-Port

- Select one HDMI video source out of several different to display it on one display
- Multi-switching methods: intelligent automatic, IR remote control or by touch button
- IR remote control included
- Highest supported video resolution 1080p
- Bandwidth: 250 MHz/2.5 Gbps per channel (7.5 Gbps all channel)
- Supports 12 bit per channel (36 bit all channel) deep color
- Supports 3D all format, including 1080p @ 23.98/24 Hz, 720p @ 59.94/60 Hz/50 Hz
- Supports HDCP
- Supports uncompressed audio such as LPCM
- Supports compressed audio such as DTS Digital, Dolby Digital (including DTS-HD and Dolby True HD)



271550 / DS-44300
HDMI switch, 3-port

DIGITUS® HDMI Switch, 5-Port

- Select one HDMI video source out of several different to display it on one display
- Multi-switching methods: intelligent automatic, IR remote control or by touch button
- IR remote control included
- Highest supported video resolution 1080p
- Bandwidth: 250 MHz/2.5 Gbps per channel (7.5 Gbps all channel)
- Supports 12 bit per channel (36 bit all channel) deep color
- Supports 3D all format, including 1080p @ 23.98/24 Hz, 720p @ 59.94/60 Hz/50 Hz
- Supports HDCP
- Supports uncompressed audio such as LPCM
- Supports compressed audio such as DTS Digital, Dolby Digital (including DTS-HD and Dolby True HD)



271567 / DS-45300
HDMI switch, 5-port

DIGITUS® HDMI Repeater



Extends the HDMI signals up to 50 m - ideal for digital signage

- HDMI Repeater for up to 50 m
- Video resolution up to 1080p
- HDMI High Speed compatible
- HDCP pass through
- Video bandwidth 1.65 Gbps/165 MHz



271598 / DS-55900
HDMI repeater up to 50 m

DIGITUS® HDMI Video Extender



Easy and convenient distribution for HDMI signals - Place your displays wherever you want without HDMI cable limitations

Extends the max. length of HDMI cable up to 50 m by using a simple network cable between a transmitter and a receiver unit.

- Cat 5 HDMI extender consisting of transmitter and receiver unit
- Video resolution up to 1080p
- For extension up to 50 meters
- Follow the standard of IEEE-568B
- Bandwidth 165 MHz/1.65 Gbps per channel (4.95 Gbps all channel)
- Deep color 8 bit per channel (24 bit all channel)
- HDCP pass through
- Auto-adjustment of feedback, equalization and amplify
- Support uncompressed audio such as LPCM



277774 / DS-55100
HDMI video extender, CAT 5/6

DIGITUS® Professional HDMI Repeater



Extends the HDMI signals up to 35 m - ideal for HDMI signal distribution and digital signage

Extends the max. length of HDMI cable up to 35M by regenerating the HDMI signal before it sends the outputs to the HDMI monitor or projector. Furthermore according to the length of HDMI cable the special designed EQ can be adjusted to reach the best transmission function.

- HDMI High Speed Repeater for up to 35 m
- Video resolution up to 1080p
- Supports 3D all format, including 1080p @ 23.98/24 Hz, 720p @ 59.94/60 Hz/50 Hz
- Bandwidth 225 MHz/2.25 Gbps per channel (6.75 Gbps all channel)
- Deep color 12 bit per channel (36 bit all channel)
- HDCP pass through
- Supports uncompressed audio such as LPCM, DTS Digital, Dolby Digital (including DTS-HD and Dolby True HD)
- 8 levels of equalization settable by turning EQ from 0 to 7, so that support different length of HDMI cable between 1 m to 35 m



269014 / DS-55901
Professional HDMI repeater

DIGITUS® HDMI Video Extender with POE



The DIGITUS® HDMI video extender transmits digital video and audio signals up to 330 feet (100 meters) using one CAT 5e/6 cable. Each video extender consists of a local unit that connects to an HDMI source and optional IR Transmitter, and a remote unit that connects to an HDMI display and optional IR receiver. It also provides POE function that you only need one power adapter at the end of the transmitter to supply the power both the end of the transmitter and receiver.

- Extends the max. length of HDMI cable up to 100 m by using a simple network cable between a transmitter and a receiver unit.
- CAT 5 HDMI extender consisting of transmitter and receiver unit
- Video resolution up to 1080p
- For extension up to 100 meters
- Optional support for Infrared Remote (IR) control
- Deep color 12 bit per channel (36 bit all channel)
- Bandwidth 340 MHz/3.4 Gbps per channel (10.2 Gbps all channel)
- HDCP pass through
- 3D pass through
- CEC pass through
- Support uncompressed audio such as LPCM
- Support POE (Power over Ethernet)
- Support compressed audio such as DTS Digital, Dolby Digital (including DTS-HD and Dolby True HD)
- Powered from a single power supply
- Follow the standard of IEEE-568B



309444 / DS-55400
HDMI video extender, CAT 5/6



Multimedia Converter

DIGITUS® Multimedia VGA/Audio to HDMI Converter

Shows a VGA video signal on a HDMI display, like your home TV

Converts VGA input into HDMI and allows PC users to enjoy their image on HDMI TV. The conversion is along with the stereo audio. It offers solutions for digital entertainment center, HDTV, STB, DVD, Projectors and many more.

- Converts PC's VGA video and stereo audio signals into a HDMI compliant signal
- Suitable for video resolutions up to 1280x1024 pixel
- Bandwidth 165 MHz/1.65 Gbps per channel (6.75 Gbps all channel)
- Color depth 8 bit per channel (24 bit all channel)
- Supports HDCP
- Dimensions (LxWxH; weight): 88 x 68 x 25.5 mm; 68 g



268994 / DS-40130
Multimedia VGA/audio to HDMI converter

DIGITUS® Multimedia HDMI to VGA/Audio Converter

Shows a HDMI video signal on a VGA display and offers separate audio

Converts HDMI input into one VGA and one audio signal and allows users to use modern players also with older VGA displays. The conversion is along with the stereo audio, too. It offers solutions for digital entertainment center, HDTV, STB, DVD, Projectors and many more.

- Converts a HDMI signal into VGA video and R/L audio complete (2 channels LPCM)
- Video resolutions up to UXGA (1600x1200 pixel) and 1080p
- Bandwidth 165 MHz/1.65 Gbps per channel (6.75 Gbps all channel)
- HDCP 1.2 compatible
- Dimensions (LxWxH; weight): 88 x 68 x 25.5 mm; 68 g



283881 / DS-40310
Multimedia HDMI to VGA/audio converter

DIGITUS® Multimedia DVI/Audio to HDMI Converter

Combines digital video (DVI) and analog audio into one HDMI signal

Converts DVI and analog audio input into HDMI and allows users to enjoy and to seamlessly integrate their image into the modern home theaters by meeting the ideal image of the HDMI HDTV. The conversion is along with the stereo audio. It offers solutions for digital entertainment center, HDTV, STB, DVD, Projectors and many more.

- Converts DVI video and R/L audio into complete HDMI
- Video resolutions up to 1080p
- Bandwidth 225 MHz/2.25 Gbps per channel (6.75 Gbps all channel)
- Deep color 12 bit per channel (36 bit all channel)
- HDCP 1.2 compatible
- Dimensions (LxWxH; Weight): 88 x 68 x 25.5 mm; 68 g
- HDMI Standard High Speed HDMI
- Dimensions (LxWxH): 1920 x 1080 pixel



287346 / DS-40230
Multimedia DVI/audio to HDMI converter

DIGITUS® Fast Ethernet Switch N-Way 16-Port

Ideal for sharing workgroups with multiple High Speed servers!

- 16 RJ45 ports
- Up to 20/200 Mbps in Full Duplex Mode
- Compatible to the following standards: IEEE 802.3, 802.3u, 802.3az and 802.3x
- Very low power consumption due to the EEE (Energy Efficient Ethernet) Technology
- Automatic cable detection - Auto MDI / MDI-X function
- 8K MAC addresses
- Auto-Negotiation of full- and half-duplex
- Power, link/active, speed indicators for network status
- Shielded metal housing
- Noiseless design - without fan
- Built-in power supply
- Suitable for rackmount (incl. mounting bracket)



293422 / DN-60011-1
Fast Ethernet switch N-Way 16-port

DIGITUS® Fast Ethernet N-Way 24-port Switch

Ideal for sharing workgroups with multiple High Speed servers!

- 24 RJ45 ports
- Up to 20/200 Mbps in Full Duplex Mode
- Compatible to the following standards: IEEE 802.3, 802.3u, 802.3az and 802.3x
- Very low power consumption due to the EEE (Energy Efficient Ethernet) Technology
- Automatic cable detection - Auto MDI / MDI-X function
- 8K MAC addresses
- Auto-Negotiation of full- and half-duplex
- Power, link/active, speed indicators for network status
- Shielded metal housing
- Noiseless design - without fan
- Built-in power supply
- Suitable for rackmount (incl. mounting bracket)



293439 / DN-60021-1
Fast Ethernet N-Way 24-port switch



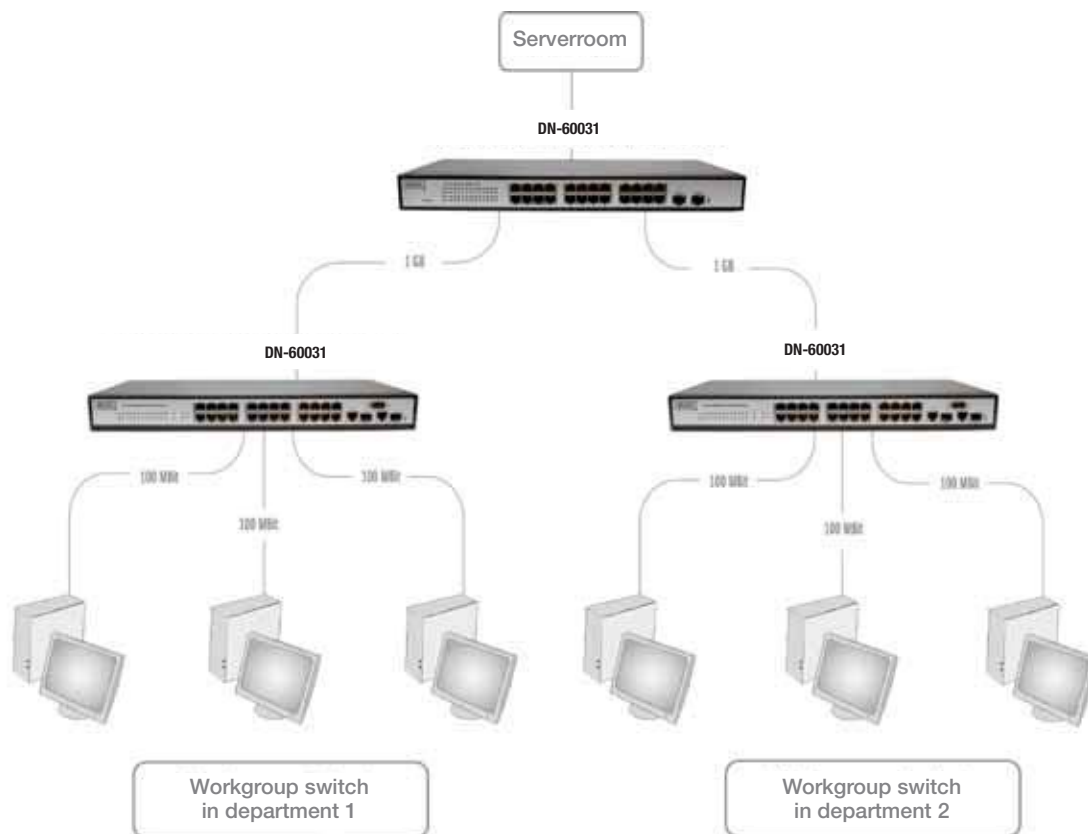
Fast Ethernet Managed Switches

DIGITUS® Layer 2 Managed Fast Ethernet 24-Port Switch, 2 Combo Ports

Full bandwidth and performance for office network environments

The DIGITUS® workgroup switches are easy to install and optimized for growing businesses. The support of the Simple Network Management Protocol and the Remote Monitoring standard is the easiest way of integration into the existing network and the existing surveillance software. The quality of service function allows a dynamic bandwidth usage and the flow-control as well as the store and forward technology ensure a safe data transmission. Two Gigabit combo ports, where RJ45 ports or fibre SFP ports can be chosen to use and a data throughput of 8.8 Gigabit per second offer enough power for now and for the future.

- Layer 2 managed switch
- 24x RJ45 ports
- 2x Gigabit combo ports (RJ45 or fiber SFP modules)
- Compatible to the following standards: IEEE 802.3, 802.3u, 802.3ab, 802.3x and 802.3z
- Flow control
- Store and forward technology
- Auto MDI / MDI-X function
- 8K MAC addresses
- 384KB buffer memory
- 8.8 Gbps throughput
- QoS support
- Port mirroring for efficient network surveillance
- Port trunking for bandwidth aggregation
- Management via console, web or telnet
- SNMP, RMON support
- Suitable for rackmount, inclusive 483 mm (19") mounting angles



DIGITUS® Gigabit Ethernet 16-Port Switch

Ideal for sharing workgroups with multiple High Speed servers!

- 16-port 10/100/1000Mbps Gigabit Ethernet Switch
- Compliant to the network standards IEEE 802.3, IEEE 802.3u, IEEE 802.3ab and IEEE 802.3x
- Provides non-blocking, non-head-of-line forwarding
- Supports back pressure and bandwidth control on each port
- Advanced store-and-forward packet switching ensures an optimized data transfer
- Auto-Negotiation for 10/100/1000 Mbps
- Auto-MDI/MDI-X for cable detection
- Noiseless design - without fan
- Provides 16K MAC address and 4 Mbit RAM buffer
- Power, link/active, speed indicators for network status
- 483 mm (19") rackmount kit included
- Suitable for rackmount (incl. mounting bracket)



293460 / DN-80100
Gigabit Ethernet 16-port switch

DIGITUS® Gigabit Ethernet 24-Port Switch

Ideal for sharing workgroups with multiple High Speed servers!

- 24-port 10/100/1000 Mbps Gigabit Ethernet Switch
- Compliant to the network standards IEEE 802.3, IEEE 802.3u, IEEE 802.3ab and IEEE 802.3x
- Provides non-blocking, non-head-of-line forwarding
- Supports back-pressure and 802.3x flow control
- Advanced store-and-forward packet switching ensures an optimized data transfer
- Auto-Negotiation for 10/100/1000 Mbps
- Auto-MDI/MDI-X for cable detection
- Noiseless design - without fan
- Provides 16K MAC address and 4 Mbit RAM buffer
- Power, link/active, speed indicators for network status
- 483 mm (19") rackmount kit included
- Suitable for rackmount (incl. mounting bracket)



293477 / DN-80110
Gigabit Ethernet 24-port switch



Gigabit Ethernet Switches

DIGITUS® Gigabit Ethernet 8-Port Switch, 2 Combo Ports

Highest bandwidth and performance for professional demands

- 8 Port 10/100/1000BaseTX
- 2 shared SFP ports
- Automatic speed and half / full duplex recognition / adjustment
- 20 / 200 / 2000 Mbit in full duplex mode
- Auto MDI / MDI-X function
- Internal power supply
- Noiseless design - without fan
- Inclusive mounting accessories for rack installation



291954 / DN-80065

Gigabit Ethernet 8-port switch, 2 combo ports

DIGITUS® Gigabit Ethernet Web Smart 24-Port Switch, 4 Combo Ports

Highest bandwidth and performance for professional demands. Superior manageability via Web!

- Web smart switch
- 24 RJ45 ports
- 4 shared SFP ports
- Compatible to the following standards: IEEE 802.3, 802.3u, 802.3ab, 802.3z, 802.1Q and 802.3x
- Auto MDI / MDI-X function
- 8K MAC addresses
- 4 QoS classes
- Port mirroring for efficient network surveillance
- Port trunk for bandwidth aggregation
- VLAN for performance and security
- 802.1x port authentication
- SNMPv1, network management
- Built-in Web-based management
- Suitable for rackmount (incl. mounting bracket)



283508 / DN-80211

Gigabit Ethernet Web smart 16-port switch, 4 combo ports

283522 / DN-80221

Gigabit Ethernet Web smart 24-port switch, 4 combo ports

DIGITUS® Industrial 4-Port Fast Ethernet PoE Switch with Fiber Uplink

The DIGITUS® industrial switches are designed for harsh environments where they are exposed to moisture, temperature changes and vibrations. With a temperature range from -40 °C to 75 °C, the industrial switches are also certified according to NEMA (National Manufacturers Association) TS1 & TS2 and therefore can be used in the harshest conditions.

With the redundant power supply constant availability in highly sensitive areas such as transportation, manufacturing, transport and security is guaranteed. The simple plug and play system can be a rapid involvement of industrial switches in the needed environment.

The DIGITUS® DN-650101 is an unmanaged plug & play industrial Ethernet switch in a robust IP30 protected aluminum housing. With 4 x 10/100Base-TX Ethernet PoE ports and a 100Base-FX MM SC fiber connector the industrial switch is a flexible, cost-effective solution for industrial environments. All switches are designed for use in harsh environments and could be used in many applications due to the approvals.

- 4 port 10/100TX auto MDI/MDI-X
- 1 port 100Base-FX SC interface, provides long distance up to 2 km
- Backplane (switching fabric) 1 Gbps
- Packet throughput ability (Full-Duplex) 1,448 Mpps @ 64 bytes
- Transfer rate 10 Mbps: 14,880 pps for Ethernet port
- Transfer rate 100 Mbps: 148,800 pps for Fast Ethernet port
- Memory buffer: 448 Kbits
- MAC address table: 2 K
- Protocol: CSMA/CD
- IEEE 802.3 and 802.3u (10Base-T, 100Base-TX) compatible, with auto negotiation
- IEEE 802.3x full-duplex/half-duplex back-pressure flow control
- IEEE 802.3af PoE
- FCC Class A
- CE EN61000-4-2 (ESD)
- CE EN61000-4-3 (RS)
- CE EN61000-4-4 (EFT)
- CE EN61000-4-5 (surge)
- CE EN61000-4-6 (CS)
- CE EN61000-4-8
- CE EN61000-4-11
- CE EN61000-6-2
- CE EN61000-6-4
- UL, cUL, CE/EN60950-1
- IEC60068-2-32 (free fall)
- IEC60068-2-27 (shock)
- IEC60068-2-6 (vibration)
- 48VDC redundant power
- Removeable terminal block with 1 relay output (alarm contact)
- Power consumption: 4.6 Watts (without PoE); 58 W (full load with PoE)
- Dimension: metal case, 30 mm(W) x 95 mm(D) x 140 mm(H)
- Protection class: IP30
- DIN rail and wall mount design
- Extended operating temperature range, -40°C ~ +75°C
- Storage temperature: -40°C ~ +85°C
- Operating humidity: 5 % to 95 % (non-condensing)



DIGITUS® Industrial 8-Port Fast Ethernet PoE Switch with Gigabit Combo (SFP)

The DIGITUS® industrial switches are designed for harsh environments where they are exposed to moisture, temperature changes and vibrations. With a temperature range from -40 °C to 75 °C, the industrial switches are also certified according to NEMA (National Manufacturers Association) TS1 & TS2 and therefore can be used in the harshest conditions.

With the redundant power supply constant availability in highly sensitive areas such as transportation, manufacturing, transport and security is guaranteed. The simple plug and play system can be a rapid involvement of industrial switches in the needed environment.

The DIGITUS® DN-650102 is an unmanaged plug & play industrial Ethernet switch in a robust IP30 protected aluminum housing. With 8 x 10/100Base-TX Ethernet PoE ports and 2 x Gigabit Combo (SFP) ports the industrial switch is a flexible, cost-effective solution for industrial environments. All switches are designed for use in harsh environments and could be used in many applications due to the approvals.

- 8 port 10/100 TX auto MDI/MDI-X
- 2 port 10/100/100T + 2 port 100/1000 SFP sockets
- Backplane (switching fabric) 5.6 Gbps
- Packet throughput ability (Full-Duplex) 8.3 Mpps @ 64 bytes
- Transfer rate 10 Mbps: 14,880 pps for Ethernet port
- Transfer rate 100 Mbps: 148,800 pps for Fast Ethernet port
- Transfer rate 1000 Mbps: 1,448,000 pps for Gigabit Ethernet port
- Memory buffer: 1 Mbits
- MAC address table: 8 K
- Protocol: CSMA/CD
- IEEE 802.3, IEEE 802.3u, IEEE 802.3ab and 802.3z (10Base-T, 100Base-TX, 1000Base-T) compatible, with auto negotiation
- IEEE 802.3x full-duplex/half-duplex back-pressure flow control
- IEEE 802.3af PoE
- FCC Class A
- CE EN61000-4-2 (ESD)
- CE EN61000-4-3 (RS)
- CE EN61000-4-4 (EFT)
- CE EN61000-4-5 (surge)
- CE EN61000-4-6 (CS)
- CE EN61000-4-8
- CE EN61000-4-11
- CE EN61000-4-12
- CE EN61000-6-2
- CE EN61000-6-4
- UL, cUL, CE/EN60950-1
- IEC60068-2-32 (free fall)
- IEC60068-2-27 (shock)
- IEC60068-2-6 (vibration)
- 48VDC redundant power
- Removeable terminal block with 1 relay output (alarm contact)
- Power consumption: 16.8 Watts (without PoE); 123.2 Watts (full load with PoE)
- Dimension: metal case, 72 mm(W) x 105 mm(D) x 152 mm(H)
- Protection class: IP30
- DIN rail and wall mount design
- Extended operating temperature range, -40°C ~ +75°C
- Storage temperature: -40°C ~ +85°C
- Operating humidity: 5 % to 95 % (non-condensing)



DIGITUS® Industrial 3-Port Gigabit PoE Switch with 2-Port SFP Uplink

The DIGITUS® industrial switches are designed for harsh environments where they are exposed to moisture, temperature changes and vibrations. With a temperature range from -40 °C to 75 °C, the industrial switches are also certified according to NEMA (National Manufacturers Association) TS1 & TS2 and therefore can be used in the harshest conditions.

With the redundant power supply constant availability in highly sensitive areas such as transportation, manufacturing, transport and security is guaranteed. The simple plug and play system can be a rapid involvement of industrial switches in the needed environment.

The DIGITUS® DN-651101 is an unmanaged plug & play industrial Ethernet switch in a robust IP30 protected aluminum housing. With 3 x 10/100/1000Base-T Ethernet PoE ports and 2 x Gigabit SFP ports the industrial switch is a flexible, cost-effective solution for industrial environments. All switches are designed for use in harsh environments and could be used in many applications due to the approvals.

- 3 port 10/100/1000 TX auto MDI/MDI-X
- 2 port 100/1000 SFP sockets
- Backplane (switching fabric) 10Gbps
- Packet throughput ability (Full-Duplex) 1,448 Mpps @ 64 bytes
- Transfer rate 10 Mbps: 14,880 pps for Ethernet port
- Transfer rate 100 Mbps: 148,800 pps for Fast Ethernet port
- Transfer rate 1000 Mbps: 1,448,000 pps for Gigabit Ethernet port
- Memory buffer: 1 Mbits
- MAC address table: 8 K
- Protocol: CSMA/CD
- IEEE 802.3, IEEE 802.3u, IEEE 802.3ab and 802.3z (10Base-T, 100Base-TX, 1000Base-T) compatible, with auto negotiation
- IEEE 802.3x full-duplex/half-duplex back-pressure flow control
- IEEE 802.3af PoE
- FCC Class A
- CE EN61000-4-2 (ESD)
- CE EN61000-4-3 (RS)
- CE EN61000-4-4 (EFT)
- CE EN61000-4-5 (surge)
- CE EN61000-4-6 (CS)
- CE EN61000-4-8
- CE EN61000-6-2
- CE EN61000-6-4
- UL508 / CSA C22, CE EN61010-1
- ICES-003
- IEC60068-2-32 (free fall)
- IEC60068-2-27 (shock)
- IEC60068-2-6 (vibration)
- Redundant Power Design: 12~58 V DC redundant power with polarity reverse protect function
- Removeable terminal block with 1 relay output (alarm contact)
- Power consumption: 5.4 Watts (without PoE); 58 W (full load with PoE)
- Dimension: metal case, 97.3 mm(W) x 42.5 mm(D) x 119 mm(H)
- Protection class: IP30
- DIN rail and wall mount design
- Extended operating temperature range, -40°C ~ +85°C
- Storage temperature: -40°C ~ +85°C
- Operating humidity: 5 % to 95 % (non-condensing)



DIGITUS® Industrial 4-Port Gigabit PoE Switch with 1-Port Gigabit Uplink

The DIGITUS® industrial switches are designed for harsh environments where they are exposed to moisture, temperature changes and vibrations. With a temperature range from -40 °C to 75 °C, the industrial switches are also certified according to NEMA (National Manufacturers Association) TS1 & TS2 and therefore can be used in the harshest conditions.

With the redundant power supply constant availability in highly sensitive areas such as transportation, manufacturing, transport and security is guaranteed. The simple plug and play system can be a rapid involvement of industrial switches in the needed environment.

The DIGITUS® DN-651102 is an unmanaged plug & play industrial Ethernet switch in a robust IP30 protected aluminum housing. With 4 x 10/100/1000Base-T Ethernet PoE ports and 1 x Gigabit Ethernet port the industrial switch is a flexible, cost-effective solution for industrial environments. All switches are designed for use in harsh environments and could be used in many applications due to the approvals.

- 5 port 10/100/1000 TX auto MDI/MDI-X
- Backplane (switching fabric) 10Gbps
- Packet throughput ability (Full-Duplex) 1,448 Mpps @ 64 bytes
- Transfer rate 10 Mbps: 14,880 pps for Ethernet port
- Transfer rate 100 Mbps: 148,800 pps for Fast Ethernet port
- Transfer rate 1000 Mbps: 1,448,000 pps for Gigabit Ethernet port
- Memory buffer: 1 Mbits
- MAC address table: 8 K
- Protocol: CSMA/CD
- IEEE 802.3, IEEE 802.3u, IEEE 802.3ab compatible
- IEEE 802.3x full-duplex/half-duplex back-pressure flow control
- IEEE 802.3af PoE
- FCC Class A
- CE EN61000-4-2 (ESD)
- CE EN61000-4-3 (RS)
- CE EN61000-4-4 (EFT)
- CE EN61000-4-5 (surge)
- CE EN61000-4-6 (CS)
- CE EN61000-4-8
- CE EN61000-6-2
- CE EN61000-6-4
- UL508 / CSA C22, CE EN61010-1
- ICES-003
- IEC60068-2-32 (free fall)
- IEC60068-2-27 (shock)
- IEC60068-2-6 (vibration)
- Redundant Power Design: 12~58 V DC redundant power with polarity reverse protect function
- Removeable terminal block with 1 relay output (alarm contact)
- Dimension: metal case, 97.3 mm(W) x 42.5 mm(D) x 119 mm(H)
- Protection class: IP30
- DIN rail and wall mount design
- Extended operating temperature range, -40°C ~ +85°C
- Storage temperature: -40°C ~ +85°C
- Operating humidity: 5 % to 95 % (non-condensing)



DIGITUS® Industrial Power Supply 24 V/25 W

The DN-653025 industrial power supply is the perfect solution for lower power requirements. Its no-load consumption is lower than 0.3 W, furthermore it is compliant with high efficiency power criterions (80Plus) and 2010 ErP (Energy Conservation Regulation), as well as important safety standards. The case and -15 ~ 50°C operating temperature are adjusted for extreme industrial environments, where in addition the convection cooling provides high reliability.

- Input voltage range: 90 ~ 264 VAC, 127 ~ 380 VDC
- Input Frequency range: 47 ~ 63 Hz
- AC inrush current: Cold start, 20 A/ 110 VAC, 40 A/ 220 VAC
- Hold-up time: rated load, 13 ms / 220 VAC
- Short protection: autorecovery
- Overload protection: Automatic power limited
- Operating temperature: -15 ~ 50°C, Ambient
- Ripple & Noise: 240 mV
- Standard / Din rail mounting dual purpose
- No-load consumption is lower than 0.3 W
- Comply with high efficiency power 80plus criterion
- 2010 ErP (energy conservation regulation) compliant
- Convection cooled high reliability
- Output modify range: 3 V ~ 200 VDC



344506 / DN-653025

Industrial power supply 24 V/25 W

DIGITUS® Industrial power supply 48 V/100 W

The DN-653100 industrial power supply is the perfect solution for medium power requirements. Its no-load consumption is lower than 0.5 W, furthermore it is compliant with high efficiency power criterions (80Plus) and 2010 ErP (Energy Conservation Regulation), as well as important safety standards. The case and -15 ~ 50°C operating temperature are adjusted for extreme industrial environments, where in addition the convection cooling provides high reliability. The DN-653100 is also equipped with a „Output Voltage Monitor“ display.

- Input voltage range: 90 ~ 132 VAC / 180 ~ 264 VAC (Selectable), 200 ~ 380 VDC
- Input Frequency range: 47 ~ 63 Hz
- AC inrush current: cold start, 20 A/ 110 VAC, 40 A/ 220V AC
- Hold-up time: rated load, 13 ms / 220 VAC
- Short protection: autorecovery
- Operating temperature: -15 ~ 50°C, Ambient
- Ripple & Noise: 240 mV
- Standard / Din rail mounting dual purpose
- No-load consumption lower than 0.5 W
- Comply with high efficiency power 80plus criterion
- 2010 ErP (energy conservation regulation) compliant
- „Output Voltage Monitor“ display
- Convection cooled high reliability
- Output modify range: 3 V ~ 200 VDC



344520 / DN-653100

Industrial power supply 48 V/100 W

DIGITUS® Industrial power supply 48 V/300 W

The DN-653300 industrial power supply is the perfect solution for higher power requirements. Its no-load consumption is lower than 0.5 W, furthermore it is compliant with high efficiency power criterions (80Plus) and 2010 ErP (Energy Conservation Regulation), as well as important safety standards. The compact size, solid case and -15 ~ 50°C operating temperature are adjusted for extreme industrial environments, where in addition the convection cooling provides high reliability. The DN-653300 is also equipped with a „Output Voltage Monitor“ display.

- Input voltage range: 90 ~ 132 VAC / 180 ~ 264 VAC (Selectable), 200 ~ 380 VDC
- Input Frequency range: 47 ~ 63 Hz
- AC inrush current: cold start, 20 A/ 110 VAC, 40 A/ 220 VAC
- Hold-up time: rated load, 13 ms / 220 VAC
- Short protection: autorecovery
- Overload protection: automatic power limited
- Operating temperature: -15 ~ 50°C, Ambient
- Ripple & Noise: 480 mV
- Standard / Din rail mounting dual purpose
- Compact size
- Comply with high efficiency power 80plus criterion
- „Output Voltage Monitor“ display
- Convection cooled high reliability
- Output modify range: 3 V ~ 200 VDC



344537 / DN-653300

Industrial power supply 48 V/300 W



Mini GBIC (SFP) Fast Ethernet Modules

DIGITUS® Mini GBIC (SFP) Module, 155 Mbps, 20 km

The Plug and Play Fiber Connection

The DIGITUS® mini GBIC (SFP) transceiver modules offer highest quality and reliability. Whether from switch to switch, converter to switch, converter to converter or any else application: The wide product range of DIGITUS® modules makes possible a flexible usage of the fiber technology. The conformity to the MSA (Multi Source Agreement) standard ensures a compatibility to third party manufacturers.

- Mini GBIC SFP (Small Form Factor Pluggable) module
- Bidirectional WDM module - only one fiber is needed
- High quality and excellent reliability
- 155 Mbps maximum data rate
- Class 1 laser product compliant with EN 60825-1
- Easy plug and play installation
- MSA (Multi Source Agreement) compliant
- Hot pluggable
- Connector: 1x LC simplex
- Wavelength: Tx 1310 nm / Rx 1550 nm
- Transmission power: minimum -15 dBm, maximum -8 dBm
- Sensitivity receiving power: minimum -32 dBm
- For a distance of up to 20 km
- Suitable for 09/125µm singlemode fiber cables
- Safe fast-locking mechanism
- 3.3V power supply
- Suitable module for opposite side: DN-81104



305705 / DN-81103

Mini GBIC (SFP) module, 155 Mbps, 20 km, operating temperature: 0 to 70°C

307624 / DN-81113

Industrial mini GBIC (SFP) module, 155 Mbps, 20 km, operating temperature: -40 to 85°C

DIGITUS® Mini GBIC (SFP) Module, 155 Mbps, 20 km

The Plug and Play Fiber Connection

The DIGITUS® mini GBIC (SFP) transceiver modules offer highest quality and reliability. Whether from switch to switch, converter to switch, converter to converter or any else application: The wide product range of DIGITUS® modules makes possible a flexible usage of the fiber technology. The conformity to the MSA (Multi Source Agreement) standard ensures a compatibility to third party manufacturers.

- Mini GBIC SFP (Small Form Factor Pluggable) module
- Bidirectional WDM module - only one fiber is needed
- High quality and excellent reliability
- 155 Mbps maximum data rate
- Class 1 laser product compliant with EN 60825-1
- Easy plug and play installation
- MSA (Multi Source Agreement) compliant
- Hot pluggable
- Connector: 1x LC simplex
- Wavelength: Tx 1550 nm / Rx 1310 nm
- Transmission power: minimum -15 dBm, maximum -8 dBm
- Sensitivity receiving power: minimum -32 dBm
- For a distance of up to 20 km
- Suitable for 09/125 µm singlemode fiber cables
- Safe fast-locking mechanism
- 3.3V power supply
- Suitable module for opposite Side: DN-81103



305712 / DN-81104

Mini GBIC (SFP) module, 155 Mbps, 20 km, operating temperature: 0 to 70°C

307631 / DN-81114

Industrial mini GBIC (SFP) module, 155 Mbps, 20 km, operating temperature: -40 to 85°C

DIGITUS® Mini GBIC (SFP) Module, 1.25 Gbps, 0.55 km

The Plug and Play Fiber Connection

The DIGITUS® mini GBIC (SFP) transceiver modules offer highest quality and reliability. Whether from switch to switch, converter to switch, converter to converter or any else application: The wide product range of DIGITUS® modules makes possible a flexible usage of the fiber technology. The conformity to the MSA (Multi Source Agreement) standard ensures a compatibility to third party manufacturers.

- Mini GBIC SFP (Small Form Factor Pluggable) module
- High quality and excellent reliability
- 1.25 Gbps maximum data rate
- Compliant to IEEE 802.3z Gigabit standard
- Class 1 laser product compliant with EN 60825-1
- Easy plug and play installation
- MSA (Multi Source Agreement) compliant
- Hot pluggable
- Connector: 1x LC duplex
- 1000Base-SX - for short haul
- Wavelength: 850 nm
- Transmission power: minimum -8 dBm, maximum -3 dBm
- Sensitivity receiving power: minimum -20 dBm
- For a distance of up to 0.55 km
- Suitable for 50/125 µm and 62.5/125 µm multimode fiber cables
- Safe fast-locking mechanism
- 3.3V power supply



305651 / DN-81000

Mini GBIC (SFP) module, 1.25 Gbps, 0.55 km, operating temperature: 0 to 70°C

307570 / DN-81010

Industrial mini GBIC (SFP) module, 1.25 Gbps, 0.55 km, operating temperature: -40 to 85°C

DIGITUS® Mini GBIC (SFP) Module, 1.25 Gbps, 20 km

The Plug and Play Fiber Connection

The DIGITUS® mini GBIC (SFP) transceiver modules offer highest quality and reliability. Whether from switch to switch, converter to switch, converter to converter or any else application: The wide product range of DIGITUS® modules makes possible a flexible usage of the fiber technology. The conformity to the MSA (Multi Source Agreement) standard ensures a compatibility to third party manufacturers.

- Mini GBIC SFP (Small Form Factor Pluggable) module
- High quality and excellent reliability
- 1.25 Gbps maximum data rate
- Compliant to IEEE 802.3z Gigabit standard
- Class 1 laser product compliant with EN 60825-1
- Easy plug and play installation
- MSA (Multi Source Agreement) compliant
- Hot pluggable
- Connector: 1x LC duplex
- 1000Base-LX - for long haul
- Wavelength: 1310 nm
- Transmission power: minimum -8 dBm, maximum -3 dBm
- Sensitivity receiving power: minimum -24 dBm
- For a distance of up to 20 km
- Suitable for 09/125 µm singlemode fiber cables
- Safe fast-locking mechanism
- 3.3V power supply



305668 / DN-81001

Mini GBIC (SFP) module, 1.25 Gbps, 20 km, operating temperature: 0 to 70°C

307587 / DN-81011

Industrial mini GBIC (SFP) module, 1.25 Gbps, 20 km, operating temperature: -40 to 85°C



Mini GBIC (SFP) Gigabit Modules

DIGITUS® Mini GBIC (SFP) Module, 1.25 Gbps, 80 km

The Plug and Play Fiber Connection

The DIGITUS® mini GBIC (SFP) transceiver modules offer highest quality and reliability. Whether from switch to switch, converter to switch, converter to converter or any else application: The wide product range of DIGITUS® modules makes possible a flexible usage of the fiber technology. The conformity to the MSA (Multi Source Agreement) standard ensures a compatibility to third party manufacturers.

- Mini GBIC SFP (Small Form Factor Pluggable) module
- High quality and excellent reliability
- 1.25 Gbps Maximum data rate
- Compliant to IEEE 802.3z Gigabit standard
- Class 1 laser product compliant with EN 60825-1
- Easy plug and play installation
- MSA (Multi Source Agreement) compliant
- Hot pluggable
- Connector: 1x LC duplex
- 1000Base-LX - for long haul
- Wavelength: 1550 nm
- Transmission power: minimum 0 dBm, maximum 5 dBm
- Sensitivity receiving power: minimum -32 dBm
- For a distance of up to 80 km
- Suitable for 09/125 µm singlemode fiber cables
- Safe fast-locking mechanism
- 3.3V power supply



305675 / DN-81002

Mini GBIC (SFP) module, 1.25 Gbps, 80 km, operating temperature: 0 to 70°C

307594 / DN-81012

Industrial mini GBIC (SFP) module, 1.25 Gbps, 80 km, operating temperature: -40 to 85°C

DIGITUS® Mini GBIC (SFP) Module, 1.25 Gbps, 20 km

The Plug and Play Fiber Connection

The DIGITUS® mini GBIC (SFP) transceiver modules offer highest quality and reliability. Whether from switch to switch, converter to switch, converter to converter or any else application: The wide product range of DIGITUS® modules makes possible a flexible usage of the fiber technology. The conformity to the MSA (Multi Source Agreement) standard ensures a compatibility to third party manufacturers.

- Mini GBIC SFP (Small Form Factor Pluggable) module
- Bidirectional WDM module - only one fiber is needed
- High quality and excellent reliability
- 1.25 Gbps maximum data rate
- Compliant to IEEE 802.3z Gigabit standard
- Class 1 laser product compliant with EN 60825-1
- Easy plug and play installation
- MSA (Multi Source Agreement) compliant
- Hot pluggable
- Connector: 1x LC simplex
- Wavelength: Tx 1310 nm / Rx 1550 nm
- Transmission power: minimum -5 dBm, maximum 0 dBm
- Sensitivity receiving power: minimum -24 dBm
- For a distance of up to 20 km
- Suitable for 09/125 µm singlemode fiber cables
- Safe fast-locking mechanism
- 3.3V power supply
- Suitable module for opposite side: DN-81004



305682 / DN-81003

Mini GBIC (SFP) module, 1.25 Gbps, 20 km, operating temperature: 0 to 70°C

307600 / DN-81013

Industrial mini GBIC (SFP) module, 1.25 Gbps, 20 km, operating temperature: -40 to 85°C

DIGITUS® Mini GBIC (SFP) Module, 1.25 Gbps, 20 km

The Plug and Play Fiber Connection

The DIGITUS® mini GBIC (SFP) transceiver modules offer highest quality and reliability. Whether from switch to switch, converter to switch, converter to converter or any else application: The wide product range of DIGITUS® modules makes possible a flexible usage of the fiber technology. The conformity to the MSA (Multi Source Agreement) standard ensures a compatibility to third party manufacturers.

- Mini GBIC SFP (Small Form Factor Pluggable) module
- Bidirectional WDM module - only one fiber is needed
- High quality and excellent reliability
- 1.25 Gbps maximum data rate
- Compliant to IEEE 802.3z Gigabit standard
- Class 1 laser product compliant with EN 60825-1
- Easy plug and play installation
- MSA (Multi Source Agreement) compliant
- Hot pluggable
- Connector: 1x LC simplex
- Wavelength: Tx 1550 nm / Rx 1310 nm
- Transmission power: minimum -5 dBm, maximum 0 dBm
- Sensitivity receiving power: minimum -24 dBm
- For a distance of up to 20 km
- Suitable for 09/125µm singlemode fiber cables
- Safe fast-locking mechanism
- 3.3V power supply
- Suitable module for opposite side: DN-81003



305729 / DN-81004

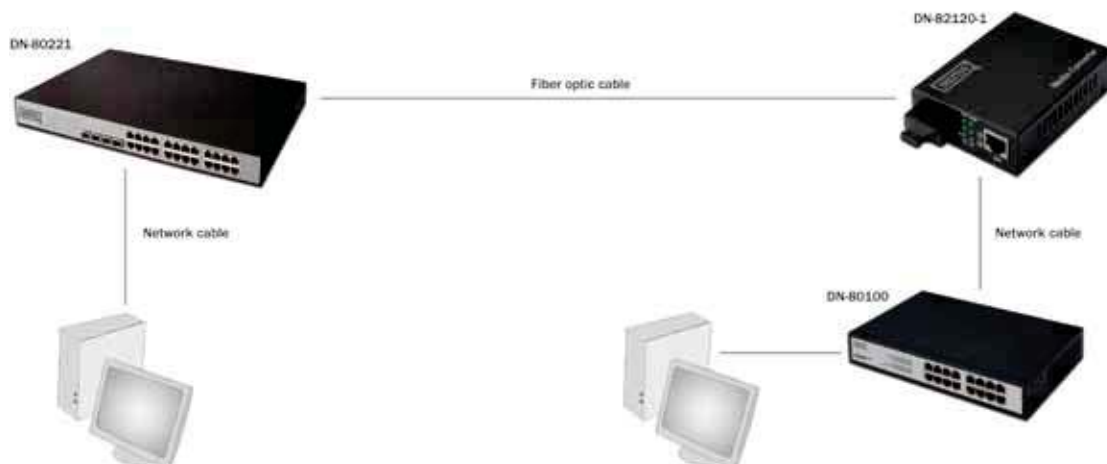
Mini GBIC (SFP) module, 1.25 Gbps, 20 km, operating temperature: 0 to 70°

307617 / DN-81014

Industrial mini GBIC (SFP) module, 1.25 Gbps, 20 km, operating temperature: -40 to 85°C

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Mini GBIC (SFP) Gigabit Modules

DIGITUS® Mini GBIC (SFP) Module, 10 Gbps, 0.3 km

The plug and play fiber connection

The DIGITUS® mini GBIC (SFP) transceiver modules offer highest quality and reliability. Whether from switch to switch, converter to switch, converter to converter or any else application: The wide product range of DIGITUS® modules makes possible a flexible usage of the fiber technology. The conformity to the MSA (Multi Source Agreement) standard ensures a compatibility to third party manufacturers.

- Mini GBIC SFP (Small Form Factor Pluggable) module
- High quality and excellent reliability
- 10 Gbps maximum data rate
- Compliant to IEEE802.3ae 10 Gigabit standard
- Class 1 laser product compliant with EN 60825-1
- Easy plug-and-play installation
- MSA (Multi Source Agreement) compliant
- Hot pluggable
- Connector: 1x LC duplex
- Wavelength: 850 nm
- Transmission power: minimum -5 dBm, maximum -1 dBm
- Empfangsensitivität: minimum -11,5 dBm
- For a distance of up to 0.3 km
- Safe fast-locking mechanism
- 3.3V power supply



324133 / DN-81200

Mini GBIC (SFP+) 10G module, 0.3 km

DIGITUS® mini GBIC (SFP) Module, 10 Gbps, 10,0 km

The plug and play fiber connection

The DIGITUS® mini GBIC (SFP) transceiver modules offer highest quality and reliability. Whether from switch to switch, converter to switch, converter to converter or any else application: The wide product range of DIGITUS® modules makes possible a flexible usage of the fiber technology. The conformity to the MSA (Multi Source Agreement) standard ensures a compatibility to third party manufacturers.

- Mini GBIC SFP (Small Form Factor Pluggable) module
- High quality and excellent reliability
- 10 Gbps maximum data rate
- Compliant to IEEE802.3ae 10 Gigabit standard
- Class 1 laser product compliant with EN 60825-1
- Easy plug-and-play installation
- MSA (Multi Source Agreement) compliant
- Hot pluggable
- Connector: 1x LC duplex
- Wavelength: 1310 nm
- Transmission power: minimum -8 dBm, maximum -0,5 dBm
- Sensitivity receiving power: minimum -12.5 dBm
- For a distance of up to 10,0 km
- Safe fast-locking mechanism



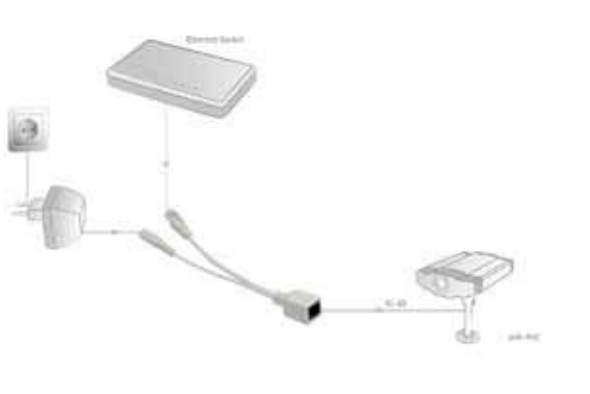
324140 / DN-81201

mini GBIC (SFP) module, 10 Gbps, 10,0 km

DIGITUS® Passive PoE Cable Kit

Simplifies your Ethernet-enabled device installations by combining power and data onto one cable

- 1x Incoming cable, featuring RJ45 plug, DC jack and RJ45 jack
- 1x Outgoing cable for the device, featuring RJ45 plug, DC plug and RJ45 jack
- Suitable for 5.5 mm DC plugs
- Connection speed: 10/100 Mbit/s
- PVC coating
- RJ45 plug
- Assignment: 1/2/3/6 for data transfer, 4/5/7/8 for power supply

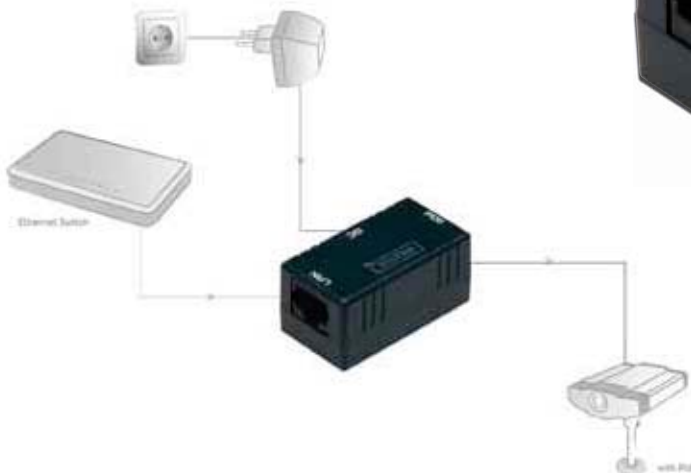


260240 / DN-95001
Passive PoE cable kit

DIGITUS® Passive PoE Wall Mount Box

Simplifies your Ethernet-enabled device installations by combining power and data onto one cable

- RJ45 LAN jack
- DC jack
- PoE (RJ45) jack
- Suitable for 5.5 mm DC plugs
- Connection speed: 10/100 Mbit/s
- Pin Assignment: 1/2/3/6 for Network, 4/5/7/8 for Power Supply



260257 / DN-95002
Passive PoE wall mount box



Power over Ethernet Injector

DIGITUS® PoE Injector, 802.3af

By using DIGITUS® Power over Ethernet products you can do without installing separate cables to supply your Ethernet devices with electricity! As most networking products need to be supplied with power, one often faces the problem that at places where you would like to mount your surveillance camera, as an example, there is no outlet. Here is the way out of this problem: The DIGITUS® PoE products help you to mount your network components wherever you want to! Then your devices will be powered over the existing network cable.

- Compatible with 802.3af standard
- 48 V output voltage, 16 watt
- LAN(RJ45) input jack
- PoE(RJ45) output jack
- Connection: 10/100 Mbit/s
- Pin assignment: 1/2/3/6 for network, 4/5/7/8 for power supply
- Own consumption: 0,5 W max
- Operating system independent, supports e.g. Windows, Mac OS, Linux and Sun



260264 / DN-95101

PoE Power Sourcing Equipment, PSE

DIGITUS® PoE Injector, 802.3af

Reduce cabling for Wireless APs, IP phone and any PoE-ready device.

- Complies with the 802.3af PoE standard
- 48 V output voltage, 15.4 watt
- LAN(RJ45) input jack
- LAN(RJ45) output jack
- Connection: 10/100 Mbit/s
- Each output port has output current limited, short-circuit protection, complete Powered Device (PD) detection and classification
- Own consumption: 1,6 W max
- Operating system independent, supports e.g. Windows, Mac OS, Linux and Sun



279303 / DN-95102

PoE injector, 802.3af

DIGITUS® PoE Injector, 802.3at

Integrates Power over Ethernet technology to legacy network devices.

- Complies with the 802.3at PoE+ and the 802.3af PoE standard
- 48 V output voltage, 27 Watt
- LAN(RJ45) input jack
- LAN(RJ45) output jack
- Connection: 10/100 Mbit/s
- Each output port has output current limited, short-circuit protection, complete Powered Device (PD) detection and classification
- Operating system independent, supports e.g. Windows, Mac OS, Linux and Sun



283676 / DN-95103-1

PoE injector, 802.3at

DIGITUS® PoE Splitter, 802.3af

By using DIGITUS® Power over Ethernet products you can do without installing separate cables to supply your Ethernet devices with electricity! As most networking products need to be supplied with power, one often faces the problem that at places where you would like to mount your surveillance camera, as an example, there is no outlet. Here is your way out of this problem: The DIGITUS® PoE products help you to mount your network components wherever you want to! Then your devices will be powered over the existing network cable. Our DIGITUS® PoE PD is a switchable device you can use for various purposes. You can choose between input voltages complying with 802.3af standards (40V-57V) and non-compliant input voltages (18V-55V). This product features the following selectable output voltages: 5V, 1.5A; 9V, 1.2A, and 12V, 1A. Thus you will be prepared for the requirements of your remote device.



- Input voltage selectable between 802.3af standard (40 V - 57 V) and 18 V - 55 V
- PoE (RJ45) input jack
- Selectable output voltages: 5 V 1.5 A, 9 V 1.2 A and 12 V 1 A
- LAN (RJ45) output jack
- DC output jack, 5.5 mm (plug / plug cable included in delivery)
- Connection: 10/100 Mbit/s
- Pin assignment: 1/2/3/6 for Network, 4/5/7/8 for Power Supply
- Operating system independent, supports e.g. Windows, Mac OS, Linux and Sun



260271 / DN-95201
PoE splitter, PD

DIGITUS® PoE Splitter, 802.3af

Integrates Power over Ethernet technology to legacy network devices

- Complies with the 802.3af PoE standard
- PoE (RJ45) input jack
- Selectable output voltages: 5 V 2 A, 7.5 V 1.4 A, 9 V 1.2 A and 12 V 0.9 A
- LAN (RJ45) output jack
- DC output jack, 2.5 mm (plug / plug cable included in delivery)
- Connection: 10/100 Mbit/s
- Operating system independent, supports e.g. Windows, Mac OS, Linux and Sun



279396 / DN-95202
PoE splitter, 802.3af

DIGITUS® PoE Splitter, 802.3at

Integrates Power over Ethernet technology to legacy network devices

- Complies with the 802.3at PoE+ and the 802.3af PoE standard
- PoE (RJ45) input jack
- Selectable output voltages: 5 V 4 A, 7.5 V 2.7 A, 9 V 2.3 A and 12 V 1.8 A
- LAN (RJ45) output jack
- DC output jack, 2.5 mm (plug / plug cable included in delivery)
- Connection: 10/100/1000 Mbit/s
- Operating system independent, supports e.g. Windows, Mac OS, Linux and Sun



279402 / DN-95203
PoE splitter 802.3at



Power over Ethernet - Midspans

DIGITUS® 8-Port PoE Midspan, 802.3af

Reduce cabling for Wireless APs, IP phone
and any PoE-ready device

- Maximum power consumption of 130 watt ensures full power for every connection
- Complies with the 802.3af PoE standard
- Input: 8x RJ45 ports with 10/100 Mbps
- Output: 8x RJ45 ports with 10/100 Mbps + PoE (15.4 watt per port)
- Each output port has output current limited, short-circuit protection, complete Powered Device (PD) detection and classification
- Inclusive mounting accessories for rack installation



291961 / DN-95111
8-port PoE midspan, 802.3af

DIGITUS® 16-Port PoE Midspan, 802.3af

Reduce cabling for Wireless APs, IP phone
and any PoE-ready device

- Maximum power consumption of 260 watt ensures full power for every connection
- Complies with the 802.3af PoE standard
- Input: 16x RJ45 ports with 10/100 Mbps
- Output: 16x RJ45 ports with 10/100 Mbps + PoE (15.4 watt per port)
- Each output port has output current limited, short-circuit protection, complete Powered Device (PD) detection and classification
- Inclusive mounting accessories for rack installation



291978 / DN-95113
16-port PoE midspan, 802.3af

DIGITUS® 2-Port PoE Extender

The solution for Power over Ethernet,
if 100 meters are not enough!

- 1-Port PoE splitter (PD) and 1-port PoE injector (PSE)
- Extending the Power over Ethernet distance for another 100 meter
- Cascading supported
- 10/100 Mbps
- No extra power required
- Supported Standards: IEEE 802.3af Power over Ethernet (PoE), IEEE 802.3 10BaseT, IEEE 802.3u 100BaseTX
- Metal case



294023 / DN-95120
2-port PoE extender

DIGITUS® 5-Port PoE Extender

The solution for Power over Ethernet,
if 100 meters are not enough!

- 1-Port PoE splitter (PD) and 1-Port PoE injector (PSE)
- Extending the Power over Ethernet distance for another 100 meter
- Cascading supported
- 3-Port Fast Ethernet 10/100 Mbps switch
- Auto-MDI/MDI-X for cable detection
- Auto-Negotiation for 10/100 Mbps
- No extra power required
- Supported standards: IEEE 802.3af Power over Ethernet (PoE), IEEE 802.3 10BaseT, IEEE 802.3u 100BaseTX, IEEE 802.3x Flow Control
- Metal case



294030 / DN-95121
5-port PoE extender



Power over Ethernet - Switches

DIGITUS® 8-Port Fast Ethernet Switch with 4 PoE Ports

Integrated Power over Ethernet (PoE) for small and medium network environments

- 8-port 10/100BaseTX with 4-port PoE
- PoE Power Output 48 V/DC, max. 15.4 W per port
- Maximum power consumption 65 watts
- Supported standards: IEEE 802.3x Flow Control, IEEE 802.3af Power over Ethernet (PoE)
- Store and forward technology
- Inclusive mounting accessories for rack installation



291947 / DN-95321

8-port Fast Ethernet switch with 4 PoE ports

DIGITUS® 8-Port PoE Web Smart Fast Ethernet Switch

Integrated Power over Ethernet (PoE) and network management features for small and medium network environments

- 8-port 10/100BaseTX with PoE
- PoE power output 48 V/DC, max. 15.4W per port
- Supported standards: IEEE 802.3x Full-duplex and Flow Control, IEEE 802.3ad Trunk (Link Aggregation), IEEE 802.3af Power over Ethernet (PoE), IEEE 802.1Q VLAN, IEEE 802.1p Class of Service, IEEE 802.1x Port Based Network Access Control, IEEE 802.1d Spanning Tree Protocol, IEEE 802.1w Rapid Spanning Tree Protocol
- Store and forward technology
- Supports port configuration, port mirroring, bandwidth control, broadcast storm control
- PoE on/off setting via web management
- VLAN setting port-based 8 groups / tag-based: 20 groups
- Trunk setting 2 groups (1-4 port for each group)
- QoS setting: up to 4 queues
- Supports MAC address filtering, TCP/UDP filtering
- Backup/recovery configuration
- Inclusive mounting accessories for rack installation



279549 / DN-95311

8-port PoE web smart Fast Ethernet switch

DIGITUS® 16-Port PoE Web Smart Fast Ethernet Switch

Integrated Power over Ethernet (PoE) and network management features for small and medium network environments

- 16-port 10/100BaseTX with PoE
- PoE power output 48 V/DC, max. 15.4 W per port
- Supported standards: IEEE 802.3x Full-duplex and Flow Control, IEEE 802.3ad Trunk (Link Aggregation), IEEE 802.3af Power over Ethernet (PoE), IEEE 802.1Q VLAN, IEEE 802.1p Class of Service, IEEE 802.1x Port Based Network Access Control, IEEE 802.1d Spanning Tree Protocol, IEEE 802.1w Rapid Spanning Tree Protocol
- Store and forward technology
- Supports port configuration, port mirroring, bandwidth control, broadcast storm control
- PoE on/off setting via web management
- VLAN Setting port-based 8 groups / tag-based: 20 groups
- Trunk setting 2 groups (1-4 port for each group)
- QoS setting: up to 4 queues
- Supports MAC address filtering, TCP/UDP filtering
- Backup/recovery configuration
- Inclusive mounting accessories for rack installation



279556 / DN-95312

16-port PoE Web Smart Fast Ethernet switch

DIGITUS® 24-Port PoE Web Smart Fast Ethernet Switch

Integrated Power over Ethernet (PoE) and network management features for small and medium network environments

- 24-port 10/100BaseTX with PoE
- 2-port Gigabit uplink, 2 shared SFP ports
- PoE power output 48 V/DC, max. 15.4 W per port
- Supported standards: IEEE 802.3x Full-duplex and Flow Control, IEEE 802.3ad Trunk (Link Aggregation), IEEE 802.3af Power over Ethernet (PoE), IEEE 802.1Q VLAN, IEEE 802.1p Class of Service, IEEE 802.1d Spanning Tree Protocol
- Store and forward technology
- Supports port configuration, port mirroring, bandwidth control, broadcast, storm control
- PoE On/Off setting via Web management
- VLAN setting port-based 32 groups / tag-based: 26 groups
- Trunk setting 3 groups (1-4 port for each group)
- QoS support
- Supports MAC address filtering, TCP/UDP filtering
- Backup/recovery configuration
- Inclusive mounting accessories for rack installation



291909 / DN-95313

24-port PoE Web Smart Fast Ethernet switch, 390 W

291923 / DN-95314

24-port PoE Web Smart Fast Ethernet switch, 195 W



HD Network Surveillance Camera

DIGITUS® Advanced 2MP WDR Full HD Network Box Camera

With the DIGITUS® WDR camera range using SONY Exmor sensor, every pixel of the image is processed for optimal exposure and color reproduction. In high contrast scenes, most over or under exposed areas are corrected, producing usable video.

DIGITUS® WDR cameras are designed for high-contrast lighting conditions, where high quality identification is needed, such as airports, passport controls and casinos and so ideal for intelligent video analysis applications. The DIGITUS® WDR box camera comes with 1080p Full HD for high-quality video, real-time viewing and removable infrared- cut filter for increased light sensitivity. With 802.3af compliant PoE there is no need to install the camera near a power source, power and data are received through only one single Ethernet cable.

The DIGITUS® WDR camera is equipped with a built-in microSD/SDHC card slot for local storage and one digital input/output (DI/DO) for alarm and sensor. With the H.264 codec the camera transfers High Definition data through LAN and Internet without distortion.

- Image sensor: 1/2.9" SONY HD CMOS image sensor
- Min. illumination: 0.1 Lux / F1.5
- S/N ratio: more than 48 dB (AGC off)
- Electronic shutter: 1/60 (1/50) to 1/100,000 sec
- Lens excluded
- Viewing angle: N/A (optional lens)
- IR LED: N/A
- IR effective range: N/A
- IR shift
- IRIS mode: AES / DC Iris
- White balance: ATW
- AGC: Auto
- IP rating: N/A
- Video compression: H.264 / MJPEG
- Resolution: D1 / CIF / 1080P
- Frame rate: WDR 30 / 25 fps
- 4 (H.264, MJPEG) multiple video streaming
- LAN speed: 10/100 Base-T Ethernet
- LAN port
- Supported protocols: DDNS / PPPoE / DHCP / NTP / SNTP / TCP/IP / ICMP / SMTP / FTP / HTTP / RTP / RTSP / UPnP / RTCP / IPv4 / Bonjour / DNS / UDP / IGMP / QoS
- Number of online users: 1-10
- ONVIF compatible
- IEEE 802.3af PoE
- FTP / email / SMS event notification
- External alarm device connection
- Digital pan / tilt / zoom
- Motion detection
- Multiple user access levels with password
- IP address filtering
- Digest authentication
- Internet Explorer on Windows operating system remote access
- 16 CH video surveillance software on Windows operating system
- 0°C ~ 40°C operating temperature
- Power source (±10 %): DC12 V / 1 A
- Power consumption (±10 %): 6 W (PoE); 4.8 W (DC Adapter)
- Current consumption (±10 %): 400 mA
- Net weight: 0.4 kg
- Minimum system requirements: AGP graphics card, Direct Draw, 32MB RAM; Windows 7, Vista & XP, DirectX 9.0 or later; Internet Explorer 7.x or later
- Lens Mount: C/CS mount (with adapter)
- Color: Pantone 8402 C
- Built-in digital input/output (DI/DO) for alarm and sensor
- Built-in microSD/SDHC card slot for local storage
- Built-in microphone, line-in and line-out



3 megapixel day&night lens 2.2~6 mm
344513 / YV27X22SR4A-SA2L



3 megapixel day&night lens 6~18 mm
344438 / YV3X6SR4A-SA2L

Detailed information about the lenses can be found on page 285.



DIGITUS® Advanced 2MP WDR Full HD Indoor Dome Camera

With the DIGITUS® WDR camera range using SONY Exmor sensor, every pixel of the image is processed for optimal exposure and color reproduction. In high contrast scenes, most over or under exposed areas are corrected, producing usable video. DIGITUS® WDR cameras are designed for high-contrast lighting conditions, where high quality identification is needed, such as airports, passport controls and casinos and so ideal for intelligent video analysis applications.

The DIGITUS® WDR indoor fixed dome camera comes with 1080p Full HD for high-quality video, real-time viewing, removable infrared cut filter and 1 solid light LED for delivering low-noise images in total darkness at a distance of up to 15 meters. With 802.3 af compliant PoE there is no need to install the camera near a power source, power and data are received through only one single Ethernet cable. The DIGITUS® WDR camera is equipped with a built-in microSD/SDHC card slot for local storage and one digital input/output (DI/DO) for alarm and sensor.

With 3-axis mechanical design, it offers a flexible installation for all applications. With the H.264 codec the camera transfers High Definition data through LAN and Internet without distortion.

- Image sensor: 1/2.9" SONY HD CMOS image sensor
- Min illumination 0.1 Lux / F1.5, 0 Lux (LED ON)
- S/N ratio: more than 48 dB (AGC off)
- Electronic shutter: 1/10,000 ~ 1/7.5 (slow shutter)
- Lens: f3.8 mm / F1.5 lens
- Viewing angle: 83.2° (diagonal) / 73.2° (horizontal) / 42.8° (vertical)
- IR LED: 1 unit (solid light)
- IR effective range: default: up to 15 m
- IR shift
- IRIS mode: AES
- White balance: ATW
- AGC: Auto
- IP rating: N/A
- Video compression: H.264 / MJPEG
- Resolution: CIF / 1080p
- Frame rate: WDR 30 / 25 fps
- 4 (H.264, MJPEG) multiple video streaming
- LAN speed: 10/100 Base-T Ethernet
- LAN port
- Supported protocols: DDNS / PPPoE / DHCP / NTP / SNTP / TCP/IP / ICMP / SMTP / FTP / HTTP / RTP / RTSP / UPnP / RTCP / IPv4 / Bonjour / DNS / UDP / IGMP / QoS
- Number of online users: 1-10
- ONVIF-compatible
- IEEE 802.3af PoE
- FTP / email / SMS event notification
- External alarm device connection
- Digital pan / tilt / zoom
- Motion detection
- Multiple user access levels with password
- IP address filtering
- Digest authentication
- Internet Explorer on Windows operating system remote access
- 16 CH video surveillance software on Windows operating system
- 0°C ~ 40°C operating temperature
- Power source (±10 %): DC12 V / 1 A
- Power consumption (±10 %): 6 W (PoE); 4.8 W (DC Adapter)
- Current consumption (±10 %): 400 mA
- Net weight: 0.4 kg
- Minimum system requirements: AGP graphics card, Direct Draw, 32MB RAM; Windows 7, Vista & XP, DirectX 9.0 or later; Internet Explorer 7.x or later
- Color: Pantone 420 C / RAL 9002
- Solid light LED for day & night surveillance
- Build-in digital input/output (DI/DO) for alarm and sensor
- Build-in microSD/SDHC card slot for local storage





HD Network Surveillance Camera

DIGITUS® Advanced 2MP WDR Full HD Outdoor Dome Camera

With the DIGITUS® WDR camera range using SONY Exmor sensor, every pixel of the image is processed for optimal exposure and color reproduction. In high contrast scenes, most over or under exposed areas are corrected, producing usable video. DIGITUS® WDR cameras are designed for high-contrast lighting conditions, where high quality identification is needed, such as airports, passport controls and casinos and so ideal for intelligent video analysis applications.

The DIGITUS® WDR outdoor vandal proof dome camera comes with 1080p Full HD for high-quality video, real-time viewing, removable infrared cut filter and 3 solid light LEDs for delivering low-noise images in total darkness at a distance of up to 50 meters. The camera is designed with IP66 weatherproof outdoor housing and IK10 vandal-proof. With 802.3af compliant PoE there is no need to install the camera near a power source, power and data are received through only one single Ethernet cable. The DIGITUS® WDR camera is equipped with a built-in microSD/SDHC card slot for local storage and one digital input/output (DI/DO) for alarm and sensor. With 3-axis mechanical design, it offers a flexible installation for all applications.

With the H.264 codec the camera transfers High Definition data through LAN and Internet without distortion.

- Image sensor: 1/2.9" SONY HD CMOS image sensor
- Min. illumination: 0.1 Lux / F1.4, 0 Lux (LED ON)
- S/N ratio: more than 48 dB (AGC off)
- Electronic shutter: 1/10,000 ~ 1/7.5 (slow shutter)
- Lens: f2.8 ~ 12 mm / F1.4 ~ F2.8
- Viewing angle: Wide: 97.4° (horizontal) / 58.1° (vertical) / 111.7° (diagonal) Tele: 27.1° (horizontal) / 15.2° (vertical) / 31.1° (diagonal)
- IR LED: 3 units (solid light)
- IR effective range: default: up to 30 m; IR enhanced mode: up to 50 m
- IR shift
- IRIS mode: AES
- White balance: ATW
- AGC: auto
- IP rating: IP66
- Smart light control
- Video compression: H.264 / MJPEG
- Resolution: CIF / 1080p
- Frame rate: WDR 30 / 25 fps
- 4 (H.264, MJPEG) multiple video streaming
- LAN speed: 10/100 Base-T Ethernet
- LAN port
- Supported protocols: DDNS / PPPoE / DHCP / NTP / SNTP / TCP/IP / ICMP / SMTP / FTP / HTTP / RTP / RTSP / UPnP / RTCP / IPv4 / Bonjour / DNS / UDP / IGMP / QoS
- Number of online users: 1-10
- ONVIF-compatible
- IEEE 802.3af PoE
- FTP / email / SMS event notification
- External alarm device connection
- Digital pan / tilt / zoom
- Motion detection
- Multiple user access levels with password
- IP address filtering
- Digest authentication
- Internet Explorer on Windows operating system remote access
- 16 CH video surveillance software on Windows operating system
- -20°C ~ 40°C operating temperature
- Power source (±10 %): DC12 V / 1.5 A
- Power consumption (±10 %): 12.5 W Max (PoE); 10.2 W (DC adapter)
- Current consumption (±10 %): 850 mA
- Net weight: 1.5 kg
- Minimum system requirements: AGP graphics card, Direct Draw, 32MB RAM; Windows 7, Vista & XP, DirectX 9.0 or later; Internet Explorer 7.x or later
- Color: Pantone 420 C / RAL 9002
- Outdoor weatherproof for day & night surveillance
- IK10 vandal-proof protection
- Built-in digital input/output (DI/DO) for alarm and sensor



339182 / DN-16082

Advanced 2MP Full HD outdoor dome camera

DIGITUS® Advanced 2MP WDR Full HD Bullet Camera

With the DIGITUS® WDR camera range using SONY Exmor sensor, every pixel of the image is processed for optimal exposure and color reproduction. In high contrast scenes, most over or under exposed areas are corrected, producing usable video. DIGITUS® WDR cameras are designed for high-contrast lighting conditions, where high quality identification is needed, such as airports, passport controls and casinos and so ideal for intelligent video analysis applications.

The DIGITUS® WDR outdoor varifocal bullet camera comes with 1080p Full HD for high-quality video, real-time viewing, removable infrared cut filter and 2 solid light LEDs for delivering low-noise images in total darkness at a distance of up to 35 meters. The camera is designed with IP66 weatherproof outdoor housing for protecting the camera against rain and dust. With 802.3af compliant PoE there is no need to install the camera near a power source, power and data are received through only one single Ethernet cable. The DIGITUS® WDR camera is equipped with a built-in microSD/SDHC card slot for local storage and one digital input/output (DI/DO) for alarm and sensor.

With the H.264 codec the camera transfers High Definition data through LAN and Internet without distortion.

- Image sensor: 1/2.9" SONY HD CMOS image sensor
- Min. illumination: 0.1 Lux / F1.4(Wide) ~ F2.8 (Tele), 0 Lux (LED ON)
- S/N ratio: More than 48 dB (AGC off)
- Electronic shutter: 1/10,000 ~ 1/7.5 (slow shutter)
- Lens: f2.8 ~ 12 mm / F1.4 ~ F2.8
- Viewing angle: wide: 97.4° (horizontal) / 58.1° (vertical) / 111.7° (diagonal) Tele: 27.1° (horizontal) / 15.2° (vertical) / 31.1° (diagonal)
- IR LED: 2 units (solid light)
- IR effective range: Default: up to 25m; IR enhanced mode: up to 35m
- IR shift
- IRIS mode: AES
- White balance: ATW
- AGC: auto
- IP rating: IP66
- Smart light control
- Video compression: H.264 / MJPEG
- Resolution: CIF / 1080p
- Frame rate: WDR 30 / 25 fps
- 4 (H.264, MJPEG) multiple video streaming
- LAN speed: 10/100 Base-T Ethernet
- LAN port
- Supported protocols: DDNS / PPPoE / DHCP / NTP / SNTP / TCP/IP / ICMP / SMTP / FTP / HTTP / RTP / RTSP / UPnP / RTCP / IPv4 / Bonjour / DNS / UDP / IGMP / QoS
- Number of online users: 1-10
- ONVIF-compatible
- IEEE 802.3af PoE
- FTP / email / SMS event notification
- External alarm device connection
- Digital pan / tilt / zoom
- Motion detection
- Multiple user access levels with password
- IP address filtering
- Digest authentication
- Internet Explorer on Windows operating system remote access
- 16 CH video surveillance software on Windows operating system
- Operating temperature: -20°C ~ 40°C
- Power source (±10 %): DC12 V / 1 A
- Power consumption (±10 %): 10.5 W (PoE); 8.4 W (DC adapter)
- Current consumption (±10 %): 700 mA
- Net weight: 1.1 kg
- Minimum system requirements: AGP graphics card, Direct Draw, 32MB RAM; Windows 7, Vista & XP, DirectX 9.0 or later; Internet Explorer 7.x or later
- Color: Pantone 8402 C
- Outdoor weatherproof for day & night surveillance
- Varifocal lens to adjust the focal point to what your needs are
- Build-in digital input/output (DI/DO) for alarm and sensor





HD Network Surveillance Camera

DIGITUS® Advanced 2MP WDR Full HD 10x Zoom Bullet Camera

With the DIGITUS® WDR camera range using SONY Exmor sensor, every pixel of the image is processed for optimal exposure and color reproduction. In high contrast scenes, most over or under exposed areas are corrected, producing usable video. DIGITUS® WDR cameras are designed for high-contrast lighting conditions, where high quality identification is needed, such as airports, passport controls and casinos and so ideal for intelligent video analysis applications.

The DIGITUS® WDR outdoor zoom bullet camera comes with 1080p Full HD for high-quality video, real-time viewing, removable infrared cut filter and 3 solid light LEDs for delivering low-noise images in total darkness at a distance of up to 60 meters. The camera is designed with IP67 weatherproof outdoor housing for protecting the camera against rain and dust. With 802.3af compliant PoE there is no need to install the camera near a power source, power and data are received through only one single Ethernet cable. The DIGITUS® WDR camera is equipped with one digital input/output (DI/DO) for alarm and sensor. The camera comes with a 10x optical zoom lens for monitoring wide open spaces where high-level reliability and precision are always required.

With the H.264 codec the camera transfers High Definition data through LAN and Internet without distortion.

- Image sensor: 1/2.9" SONY HD CMOS image sensor
- Min. illumination: 0.1 Lux / F2.0 (wide) ~F2.8 (tele), 0 Lux (LED on)
- S/N ratio: more than 48 dB (AGC off)
- Electronic shutter: 1/10,000 ~ 1/7.5 (slow shutter)
- Lens: f6.0 ~ 60 mm, F2.0 ~ 2.8, 10x optical zoom, auto focus, near focus limit 10 cm (wide) or 80 cm (tele) to infinity
- Viewing angle: Wide: 47.3° (horizontal) / 27.5° (vertical) / 53.5° (diagonal); Tele: 5.3° (horizontal) / 3.0° (vertical) / 6.1°(diagonal)
- IR LED: 3 units (solid light)
- IR effective range: default: up to 40 m; IR enhanced mode: up to 60 m
- IR shift
- IRIS mode: AES
- White balance: ATW
- AGC: auto
- IP rating: IP67
- Smart light control
- Video compression: H.264 / MJPEG
- Resolution: CIF / 1080p
- Frame rate: WDR 30 / 25 fps
- 4 (H.264, MJPEG) multiple video streaming
- LAN speed: 10/100 Base-T Ethernet
- LAN port
- Supported protocols: DDNS / PPPoE / DHCP / NTP / SNTP / TCP/IP / ICMP / SMTP / FTP / HTTP / RTP / RTSP / UPnP / RTCP / IPv4 / Bonjour / DNS / UDP / IGMP / QoS
- Number of online users: 1-10
- ONVIF-compatible
- IEEE 802.3af PoE
- FTP / email / SMS event notification
- External alarm device connection
- Digital pan / tilt / zoom
- Motion detection
- Multiple user access levels with password
- IP address filtering
- Digest authentication
- Internet Explorer on Windows operating system remote access
- 16 CH video surveillance software on Windows operating system
- -20°C ~ 40°C operating temperature
- Power source (±10 %): DC12V / 1.5 A
- Power consumption (±10 %): 11.25 W (PoE) ; 9W (DC adapter)
- Current consumption (±10 %): 750 mA
- Net weight: 1.8 kg
- Minimum system requirements: AGP graphics card, Direct Draw, 32MB RAM; Windows 7, Vista & XP, DirectX 9.0 or later; Internet Explorer 7.x or later
- Color: Pantone 8402 C
- Outdoor weatherproof for day & night surveillance
- 10x Zoom for higher reliability and precision
- Build-in digital input/output (DI/DO) for alarm and sensor



DIGITUS® Advanced 2MP WDR Full HD Outdoor PTZ Camera

With the DIGITUS® WDR camera range using SONY Exmor sensor, every pixel of the image is processed for optimal exposure and color reproduction. In high contrast scenes, most over or under exposed areas are corrected, producing usable video. DIGITUS® WDR cameras are designed for high-contrast lighting conditions, where high quality identification is needed, such as airports, passport controls and casinos and so ideal for intelligent video analysis applications.

The DIGITUS® WDR outdoor zoom speed dome camera comes with 1080p Full HD for high-quality video, real-time viewing and removable infrared cut filter. The camera is designed with IP67 weatherproof outdoor housing for protecting the camera against rain and dust. With 802.3af compliant PoE there is no need to install the camera near a power source, power and data are received through only one single Ethernet cable. The DIGITUS® WDR camera is equipped with one digital input/output (DI/DO) for alarm and sensor. The camera comes with a 10x optical zoom lens for monitoring wide open spaces where high-level reliability and precision are always required. Users can easily control the lens position to track objects of interest and set preset points for patrolling.

With the H.264 codec the camera transfers High Definition data through LAN and Internet without distortion.

- Image sensor: 1/2.9" SONY HD CMOS image sensor
- Min. illumination: 0.1 Lux / F2.0
- S/N ratio: more than 48 dB (AGC off)
- Electronic shutter: 1/60 (1/50) to 1/100,000 sec
- Lens: f6.0 ~ 60.0 mm / F2.0 (wide) ~ F2.8 (tele)
- Viewing angle: wide: 47.3° (horizontal) / 27.5° (vertical) / 53.5° (diagonal); Tele: 5.3° (horizontal) / 3.0° (vertical) / 6.1° (diagonal)
- IRIS mode: AES
- White balance: ATW
- AGC: auto
- IP rating: IP67
- Video compression: H.264 / MJPEG
- Resolution: CIF / 1080p
- Frame Rate: WDR 30fps
- 4 (H.264, MJPEG) multiple video streaming
- LAN speed: 10/100 Base-T Ethernet
- LAN port
- Supported protocols: DDNS / PPPoE / DHCP / NTP / SNTP / TCP/IP / ICMP / SMTP / FTP / HTTP / RTP / RTSP / UPnP / RTCP / IPv4 / Bonjour / DNS / UDP / IGMP / QoS
- Number of online users: 1-10
- ONVIF compatible
- IEEE 802.3af PoE
- FTP / email / SMS event notification
- External alarm device connection
- Digital pan / tilt / zoom
- Motion detection
- Multiple user access levels with password
- IP address filtering
- Digest authentication
- Internet Explorer on Windows operating system remote access
- 16 CH video surveillance software on Windows operating system
- Operating temperature: -20°C ~ 40°C
- Power source (±10 %): DC12 V / 1 A
- Power consumption (±10 %): 11.25 W (PoE) ; 9 W (DC adapter)
- Current consumption (±10 %): 750 mA
- Minimum system requirements: AGP graphics card, Direct Draw, 32MB RAM; Windows 7, Vista & XP, DirectX 9.0 or later; Internet Explorer 7.x or later
- Color: Pantone 877 C / RAL 9006
- Outdoor weatherproof for day & night surveillance
- Pan and tilt camera controllable by different network devices
- Build-in digital input/output (DI/DO) for alarm and sensor



DIGITUS® 3 Megapixel Day&Night Lens 2.2~6 mm

3 megapixel day and night vari-focal lens that can provide excellent high resolution images. The integrated Auto Iris automatically adjusts to the ambient conditions.

The 3 megapixel lens is ideal for use in changing light conditions. The focal length of the lens is 2.2 ~ 6 mm.

- 3 megapixel day & night lens
- Focal length: 2.2~6 mm
- Zoom factor 2.7
- Applicable lens for 1/2.7" ~ 1/4" cameras
- Iris range: F1.3 ~ 360
- Operation Iris: Auto (DC type)
- Operation focus: manual
- Operation zoom: manual
- Angle of view 1/2.7" wide 132° x 100° / Tele 50° x 37° // 1/3" wide 121° x 91° / 45° x 34°
- Minimum object distance: 0.3 m
- Focusing range: infinity ~ 0.3 m
- Mass: 55 g
- Dimension: Ø49 mm x 60 mm (D)
- CS mount



344513 / YV27X22SR4A-SA2L
3 megapixel day & night lens 2.2~6 mm

DIGITUS® 3 Megapixel Day&Night Lens 6~18 mm

3 megapixel day & night vari-focal lens that can provide excellent high resolution images. The integrated Auto Iris automatically adjusts to the ambient conditions.

The 3 megapixel lens is ideal for use in changing light conditions. The focal length of the lens is 6 ~ 18 mm.

- 3 megapixel day & night lens
- Focal length: 6~18 mm
- Zoom factor 3
- Applicable lens for 1/2.7" ~ 1/4" cameras
- Iris range: F1.4 ~ 360
- Operation Iris: Auto (DC type)
- Operation focus: manual
- Operation zoom: manual
- Angle of view: 1/2.7" wide 51° x 37° / tele 16° x 12° // 1/3" wide 46° x 34° / 15° x 11°
- Minimum object distance: 0.3 m
- Focusing range: infinity ~ 0.3 m
- Mass: 95 g
- Dimension: Ø49 mm x 63.5 mm (D)
- CS mount



344438 / YV3X6SR4A-SA2L
3 megapixel day & night lens 6~18 mm

DIGITUS® Camera Mounting Bracket, 120 mm



- Bracket for indoor mount
- 6,4 mm (1/4") tripod screw
- 360° swivel joint
- Material: aluminum
- Maximum loading capacity: 2 kg
- Weight: 0.09 kg



287544 / DN-16090

Camera mounting bracket, 120 mm

DIGITUS® Camera Mounting Bracket, 130 mm



- Bracket for indoor mount
- 6,4 mm (1/4") tripod screw
- 360° swivel joint
- Integrated cable duct
- Material: aluminum
- Maximum loading capacity: 4 kg
- Weight: 0.33 kg



287551 / DN-16091

Camera mounting bracket, 130 mm

DIGITUS® Camera Mounting Bracket, 242 x 204 mm



- Bracket for indoor mount
- 6,4mm (1/4") tripod screw
- 360° swivel joint
- Integrated cable duct
- Material: aluminum
- Maximum loading capacity: 4 kg
- Weight: 0.47 kg



287568 / DN-16092

Camera mounting bracket, 242 x 204 mm

DIGITUS® Camera Mounting Bracket, 305-465 mm



- Bracket for indoor mount
- Sliding from 305 up to 465 mm
- 6,4mm (1/4") Tripod screw
- 360° swivel joint
- Integrated cable duct
- Material: aluminum
- Maximum loading capacity: 4 kg
- Weight: 0.56 kg



287575 / DN-16093

Camera mounting bracket, 305 - 465 mm



Camera Accessories

DIGITUS® Mounting Bracket for the Speed Dome Camera



- Easy to install
- Load-bearing components made of metal
- Excellent way of saving space
- Operating system independent, supports e.g. Windows, Mac OS, Linux and Sun



251712 / DN-16056
Mounting bracket for the speed dome camera

DIGITUS® Outer Corner Bracket



- Bracket for outer corner
- Material: iron, painted
- Maximum loading capacity: 10 kg
- Dimensions: 145 x 120 x 110 mm
- Weight: 1.4 kg
- Suitable for bracket DN-16056-2



261544 / DN-16056-4
Outer corner bracket

DIGITUS® Outdoor Camera Housing



- Outdoor camera housing
- Aluminum diecasting
- Color: beige
- Dimensions: 157 x 155 x 428 mm
- Window: 99 x 99 mm
- Input voltage: 230 V AC, 50/60 Hz
- Weight: 2.3 kg
- Fan: on at 35°C +/- 3°C, off at 25°C +/- 3°C
- Heater: on at 15°C +/- 3°C, off at 25°C +/- 3°C
- Protection class IP67
- Suitable for DN-16080
- Suitable bracket DN-16056-2



261513 / DN-16056-1
Outdoor camera housing

DIGITUS® Mounting Bracket for Camera Housing



- Mounting bracket for camera housing
- Integrated cable duct
- Aluminum die casting
- Color: beige
- Length: 210 mm
- Maximum loading capacity: 10 kg
- Swivel angle: 360°
- Weight: 0.45 kg
- Suitable for camera housing DN-16056-1



261520 / DN-16056-2
Mounting bracket for camera housing

DIGITUS® Universal Power Supply

- 12 Volt
- 2 Ampère
- 5.5 mm outer plug diameter
- Inclusive EU, UK, AU and US plugs



305644 / DN-16057-2
Universal power supply, inclusive EU, UK, AU and US plug

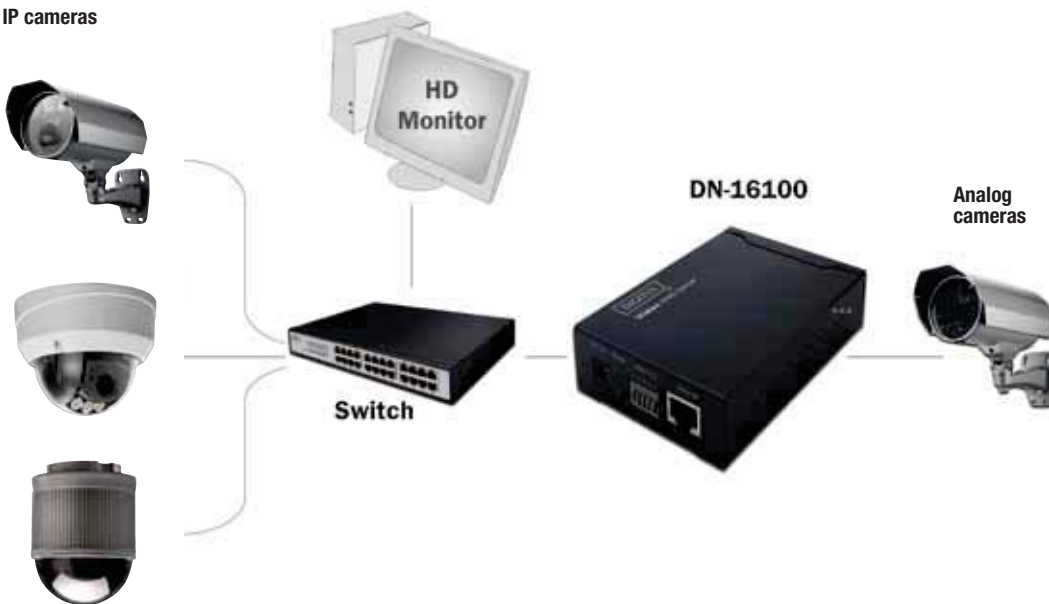
DIGITUS® H.264 Video Server

Offers the full digital benefits to analog cameras!

- Turn your traditional analog camera into a network camera and allow users to view live images using a web browser or our CMS software
- Video Input: 1 channel for analog & digital products, 1.0 Vp-p 75 composite, BNC
- High resolution and best video performance
- Low-latency video streaming with H.264 compression format
- De-Blocking and De-Interlacing for sharp and clear images
- External alarm output and input
- External audio output and input
- Enhanced motion detection and alarm notification functions
- Alarm and event notification by FTP and email
- Powerful mobile surveillance supporting iPhone®, Blackberry and WinCE devices
- LAN-Speed: 10/100Base-TX Ethernet
- Supported protocols: DDNS, PPPoE, DHCP, NTP, SNTP, TCP/IP, ICMP, SMTP, FTP, HTTP, RTP, RTSP
- Frame rate NTSC: 30, PAL: 25
- Number of online users: 10
- Security: Multiple user access levels with password protection
- Management by web browser or CMS software for up to 16 network cameras control simultaneously
- Compatible to the future proof ONVIF standard
- Resolution: 704 x 480 pixel NTSC / 704 x 576 pixel PAL
- Operating temperature: 0°C - 40°C
- Power source ($\pm 10\%$): DC12 V / 1 A
- Dimensions (mm): 118.6(L) x 75(W) x 28.6(H)



IP cameras





Network Video Recorder

DIGITUS® Network Video Recorder for IP Cams, 6 Channels

Real Full HD HDMI output for the best image quality

It was never easier to set up complete Surveillance Solution with the DIGITUS® network video recorder. In addition to the DIGITUS® Professional IP cameras you can manage your facility surveillance. The powerful operating system of the device is not only able to take a look at the images on a workstation. It also lets you access your system over the internet. If you check the system online with a notebook or from your smart phone with Android or iPhone® operating system. It is up to you!

- Real-time monitoring and recording (video/audio) from multiple IP cameras (up to 6 channels)
- Suitable for two 3.5" (8.89 cm) Hard Disk Drives
- High quality H.264, MPEG-4, and M-JPEG recording (depending on the camera models)
- LAN Speed: 10/100/1000Base-T Gigabit Ethernet
- Complete recording features
- Megapixel recording
- Full HD HDMI output for best image quality on a LCD screen
- PC-less network surveillance by HD local display
- Two USB ports: one for video backup to USB Flash Drives and another for NVR Control by USB mouse
- Advanced event management
- Trouble-free installation
- UPS support for 24/7 service



DIGITUS® 4 Channel Standalone PoE NVR

The DIGITUS® standalone NVRs are the perfect match to the DIGITUS® camera line up. There is no manual configuration required, the DIGITUS® IP cameras will be detected and configured automatically over the NVR. With the build-in PoE switch there is no need to install the camera near a power source, power and data are received through only one single Ethernet cable which comes from the NVR. The CPU gives the NVR the power to record 720p video in real-time, depending on the model with 4 or 8 channels. With the build-in HDMI interface users can easily see the live stream of the connected cameras. The NVR can directly be controlled by mouse, or remotely over IP.

The DIGITUS® NVR is well suited for small scale applications such as retail store, gas station or home surveillance needs.

- Video input: 4 LAN ports
- Video output: HDMI (Full HD)
- Audio output: HDMI
- Video resolution: 1920 x 1080
- Recording throughput: up to 120 fps @ 1280 x 1024, 32 Mbps
- Video compression format: H.264
- Ethernet: port 1~4: 10/100 Mbps with PoE / Internet (WAN) port: 1000 Mbps
- Recording mode: manual / event / alarm / schedule
- Pre alarm recording
- Quick search: time / event
- Backup device: USB flash drive
- 1x SATA HDD port
- Hard disk storage: up to 3TB
- eSATA, 1 port
- USB mouse control
- IR remote control
- Compatible operating system: Windows 7 / Windows Vista / Windows XP
- Minimum system requirements: AGP graphics card, Direct Draw, 32MB RAM; Windows 7, Vista & XP, DirectX 9.0 or later; Internet Explorer 7.x or later
- Operating temperature: 10°C ~ 40°C
- Power consumption ($\pm 10\%$): 7.68W (without hard disk and PoE IP camera connected)
- Dimensions (mm): 345 (L) x 225 (W) x 68.3 (H)
- Color: Pantone process black C / RAL 9017
- Auto detection of DIGITUS® IP cameras
- HDMI interface for local live view
- 720p real-time recording
- PoE power output 48 V/DC, max. 15.4 W per port





Network Video Recorder

DIGITUS® 8 Channel Standalone PoE NVR

The DIGITUS® standalone NVRs are the perfect match to the DIGITUS® camera line up. There is no manual configuration required, the DIGITUS® IP cameras will be detected and configured automatically over the NVR. With the build-in PoE switch there is no need to install the camera near a power source, power and data are received through only one single Ethernet cable which comes from the NVR. The CPU gives the NVR the power to record 720p video in real-time, depending on the model with 4 or 8 channels. With the build-in HDMI interface users can easily see the live stream of the connected cameras. The NVR can directly be controlled by mouse, or remotely over IP.

The DIGITUS® NVR is well suited for small scale applications such as retail store, gas station or home surveillance needs.

- Video Input: 8 LAN ports
- Video output: HDMI (Full HD)
- Audio output: HDMI
- Video resolution: 1920 x 1080
- Recording throughput: up to 240 fps @ 1280 x 720, 16 Mbps
- Video compression format: H.264
- Ethernet: port 1~8: 10/100 Mbps with PoE / Internet (WAN) port: 1000 Mbps
- Recording mode: manual / event / alarm / schedule
- Pre alarm recording
- Quick search: time / event
- Backup device: USB flash drive
- 1x SATA HDD port
- Hard disk storage: up to 3TB
- eSATA, 1 port
- USB mouse control
- IR remote control
- Compatible operating system: Windows 7 / Windows Vista / Windows XP
- Minimum system requirements: AGP graphics card, Direct Draw, 32MB RAM; Windows 7, Vista & XP, DirectX 9.0 or later; Internet Explorer 7.x or later
- Operating temperature: 10°C ~ 40°C
- Power consumption ($\pm 10\%$): 13.7 W (without hard disk and PoE IP camera connected)
- Dimensions (mm): 345 (L) x 225 (W) x 68.3 (H)
- Color: Pantone process black C / RAL 9017
- Auto detection of DIGITUS® IP cameras
- HDMI interface for local live view
- 720p real-time recording



HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE



DIGITUS® 14 Slot Media Converter Chassis

The perfect solution for various media converters

The DIGITUS® media converter chassis let's you host up to 14 media converters in your network or server cabinet. The great choice of media converters ensures highest flexibility. Every single module can be hot-swapped during the operation. The redundant power supply offers a smooth working and prevents any downtime of your network connection.

- Suitable for the media converter series DN-82x1x, DN-82x2x and DN-82x3x
- Equipped with a second, redundant power supply for maximum stability and reliability
- Hot swap support for the converters to ensure a flexible connection
- For up to 14 media converters
- Circuit breaker for overvoltage, overflow and short-circuit
- 2 height units for 483mm (19") rack installation
- Dimensions (L x W x H): 231 mm x 485 mm x 90 mm
- Operating temperature: 0 to 50°C
- Storage temperature: -20°C ... +85°C



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detail





Fast Ethernet Media Converter

DIGITUS® Fast Ethernet Media Converter PoE PD, RJ45/ST

The media converters from DIGITUS® are the ideal solution for the migration of copper and fiber network signals. From now on, you are able to access the fiber technology and transfer network signals over several kilometers without renewing your whole network infrastructure. The huge variety of products fulfil your individual needs.

The intuitive operation guarantees a quick and easy installation. Years of experience and a wide range of products lets DIGITUS® become a reliable partner for your network.

- Transforms wire based network media to fiber optic
- High quality and excellent reliability
- 10/100Base-TX to 100Base-FX (SC,MM)
- Connectors: 1x RJ45, 1x SC duplex
- Distance: up to 2 km
- Wavelength: 1310 nm
- Multimode dual fiber
- Automatic cable detection - auto MDI / MDI-X function
- Auto-negotiation of full- and half-duplex
- Diagnostic and monitoring LEDs for the status of power, link and act of the ports
- Link Fault Pass Through (LFP) function for easier network maintenance
- Suitable for 50/125 µm and 62.5/125 µm multimode fiber cables
- Transmission power: minimum -22 dBm, maximum -12 dBm
- Sensitivity receiving power: minimum -30 dBm
- Supported standards: IEEE 802.3af Power over Ethernet (PoE), IEEE 802.3 10BaseT, IEEE 802.3u 100BaseTX
- 128kB data buffer
- Operating temperature: 0 to 55°C
- Power provided by PoE



DIGITUS® Fast Ethernet Media Converter PoE PSE, RJ45/ST

The media converters from DIGITUS® are the ideal solution for the migration of copper and fiber network signals. From now on, you are able to access the fiber technology and transfer network signals over several kilometers without renewing your whole network infrastructure.

The huge variety of products fulfil your individual needs. The intuitive operation guarantees a quick and easy installation. Years of experience and a wide range of products lets DIGITUS® become a reliable partner for your network.

- Transforms wire based network media to fiber optic
- High quality and excellent reliability
- 10/100Base-TX to 100Base-FX (SC,MM)
- Connectors: 1x RJ45, 1x SC duplex
- Distance: up to 2 km
- Wavelength: 1310 nm
- Multimode dual fiber
- Automatic cable detection - auto MDI / MDI-X function
- Auto-negotiation of full- and half-duplex
- Diagnostic and monitoring LEDs for the status of power, link and act of the ports
- Link Fault Pass Through (LFP) function for easier network maintenance
- Suitable for 50/125 µm and 62.5/125 µm multimode fiber cables
- Transmission power: minimum -22 dBm, maximum -12 dBm
- Sensitivity receiving power: minimum -30 dBm
- Supported standards: IEEE 802.3af Power over Ethernet (PoE), IEEE 802.3 10BaseT, IEEE 802.3u 100BaseTX
- 128kB data buffer
- Operating temperature: 0 to 55°C
- Provide power for PoE devices





Fast Ethernet Media Converter

DIGITUS® Fast Ethernet Media Converter, RJ45 / ST

Multimode
up to 2 km

The perfect converter solution for various fiber media

The media converters from DIGITUS® are the ideal solution for the migration of copper and fiber network signals. From now on, you are able to access the fiber technology and transfer network signals over several kilometers without renewing your whole network infrastructure.

The huge variety of products fulfil your individual needs. The intuitive operation guarantees a quick and easy installation. The link fault pass through function offers a no-fear-networking. Your network administrator will be able to find and solve network problems easily. Years of experience and a wide range of products lets DIGITUS® become a reliable partner for your network.

- Transforms wire based network media to fiber optic
- High quality and excellent reliability
- 10/100Base-TX to 100Base-FX
- Connectors: 1x RJ45, 1x ST Duplex
- Distance up to 2 km
- Wavelength: 1310 nm
- Multimode dual fiber
- Automatic cable detection - Auto MDI / MDI-X function
- Auto-negotiation of full- and half-duplex
- Diagnostic and monitoring LEDs for the status of power, link and act of the ports
- Link Fault Pass Through (LFP) Function for easier network maintenance
- Suitable for 50/125 µm and 62.5/125 µm fiber cables
- Transmission power: minimum -22 dBm, maximum -12 dBm
- Sensitivity receiving power: minimum -30 dBm
- Supported standards: IEEE 802.3 Ethernet, IEEE 802.3u Fast Ethernet
- 128kB Data Buffer
- Operating temperature: 0 to 55°C
- Dimensions (L x W x H): 95 x 70 x 26 mm
- Weight: 200 g
- Standalone converter with external power supply
- Input supply voltage: 5V DC
- Max. current: 800 mA
- Power consumption: 2.5 W



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DIGITUS® Fast Ethernet Media Converter, RJ45 / SC

The perfect converter solution for various fiber media

Multimode
up to 2 km

The media converters from DIGITUS® are the ideal solution for the migration of copper and fiber network signals. From now on, you are able to access the fiber technology and transfer network signals over several kilometers without renewing your whole network infrastructure.

The huge variety of products fulfil your individual needs. The intuitive operation guarantees a quick and easy installation. The link fault pass through function offers a no-fear-networking. Your network administrator will be able to find and solve network problems easily. Years of experience and a wide range of products lets DIGITUS® become a reliable partner for your network.

- Transforms wire based network media to fiber optic
- High quality and excellent reliability
- 10/100Base-TX to 100Base-FX
- Connectors: 1x RJ45, 1x SC duplex
- Distance up to 2 km
- Wavelength: 1310 nm
- Multimode dual fiber
- Automatic cable detection - Auto MDI / MDI-X function
- Auto-negotiation of full- and half-duplex
- Diagnostic and monitoring LEDs for the status of power, link and act of the ports
- Link Fault Pass Through (LFP) Function for easier network maintenance
- Suitable for 50/125 µm and 62.5/125 µm fiber cables
- Transmission power: minimum -22 dBm, maximum -12 dBm
- Sensitivity receiving power: minimum -30 dBm
- Supported standards: IEEE 802.3 Ethernet, IEEE 802.3u Fast Ethernet
- 128kB data buffer
- Operating temperature: 0 to 55°C
- Dimensions (LxWxH): 95 x 70 x 26 mm
- Weight: 200 g
- Standalone converter with external power supply
- Input supply voltage: 5V DC
- Max. current: 800 mA
- Power consumption: 2.5 W



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Fast Ethernet Media Converter

DIGITUS® Fast Ethernet Media Converter, RJ45 / SC

Singlemode
up to 120 km

The perfect converter solution for various fiber media

The media converters from DIGITUS® are the ideal solution for the migration of copper and fiber network signals. From now on, you are able to access the fiber technology and transfer network signals over several kilometers without renewing your whole network infrastructure.

The huge variety of products fulfil your individual needs. The intuitive operation guarantees a quick and easy installation. The link fault pass through function offers a no-fear-networking. Your network administrator will be able to find and solve network problems easily. Years of experience and a wide range of products lets DIGITUS® become a reliable partner for your network.

- Transforms wire based network media to fiber optic
- High quality and excellent reliability
- 10/100Base-TX to 100Base-FX
- Connectors: 1x RJ45, 1x SC Duplex
- Distance up to 20 km
- Wavelength: 1310 nm
- Singlemode dual fiber
- Automatic cable detection - Auto MDI / MDI-X function
- Auto-negotiation of full- and half-duplex
- Diagnostic and monitoring LEDs for the status of power, link and act of the ports
- Link fault pass through (LFP) function for easier network maintenance
- Suitable for 9/125 µm fiber cables
- Transmission power: minimum -15 dBm, maximum -8 dBm
- Sensitivity receiving power: minimum -38 dBm
- Supported standards: IEEE 802.3 Ethernet, IEEE 802.3u Fast Ethernet
- 128kB data buffer
- Operating temperature: 0 to 55°C
- Dimensions (L x W x H): 95 x 70 x 26 mm
- Weight: 200 g
- Standalone converter with external power supply
- Input supply voltage: 5V DC
- Max. current: 800 mA
- Power consumption: 2.5 W



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293101 / DN-82021-1	Fast Ethernet media converter, RJ45 / SC, distance up to 20 km
307884 / DN-82021-1_040	Fast Ethernet media converter, RJ45 / SC, distance up to 40 km
307891 / DN-82021-1_060	Fast Ethernet media converter, RJ45 / SC, distance up to 60 km
307907 / DN-82021-1_080	Fast Ethernet media converter, RJ45 / SC, distance up to 80 km
307914 / DN-82021-1_100	Fast Ethernet media converter, RJ45 / SC, distance up to 100 km
307921 / DN-82021-1_120	Fast Ethernet media converter, RJ45 / SC, distance up to 120 km

DIGITUS® Bidirectional Fast Ethernet Media Converter, RJ45 / SC

Bidirectional
Tx 1310 nm /
Rx 1550 nm

The perfect converter solution for various fiber media

The media converters from DIGITUS® are the ideal solution for the migration of copper and fiber network signals. From now on, you are able to access the fiber technology and transfer network signals over several kilometers without renewing your whole network infrastructure.

The huge variety of products fulfil your individual needs. The intuitive operation guarantees a quick and easy installation. The link fault pass through function offers a no-fear-networking. Your network administrator will be able to find and solve network problems easily. Years of experience and a wide range of products lets DIGITUS® become a reliable partner for your network.

- Transforms wire based network media to fiber optic
- High quality and excellent reliability
- 10/100Base-TX to 100Base-FX
- Connectors: 1x RJ45, 1x SC simplex
- Distance up to 20 km
- Wavelength: Tx 1310 nm / Rx 1550 nm
- Singlemode single fiber
- Automatic cable detection - Auto MDI / MDI-X function
- Auto-negotiation of Full- and half-duplex
- Diagnostic and monitoring LEDs for the status of power, link and act of the ports
- Link fault pass through (LFP) function for easier network maintenance
- Suitable for 9/125 µm fiber cables
- Transmission power: minimum -15 dBm, maximum -8 dBm
- Sensitivity receiving power: minimum -36 dBm
- Supported standards: IEEE 802.3 Ethernet, IEEE 802.3u Fast Ethernet
- 128kB data buffer
- Operating temperature: 0 to 55°C
- Dimensions (LxWxH): 95 x 70 x 26 mm
- Weight: 200 g
- Standalone converter with external power supply
- Input supply voltage: 5V DC
- Max. current: 800 mA
- Power consumption: 2.5 W
- Suitable converter for opposite side: DN-82023



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293149 / DN-82022

Bidirectional Fast Ethernet media converter, RJ45 / SC, distance up to 20 km

307686 / DN-82022_40

Bidirectional Fast Ethernet media converter, RJ45 / SC, distance up to 40 km

307693 / DN-82022_60

Bidirectional Fast Ethernet media converter, RJ45 / SC, distance up to 60 km

307709 / DN-82022_80

Bidirectional Fast Ethernet media converter, RJ45 / SC, distance up to 80 km



Fast Ethernet Media Converter

DIGITUS® Bidirectional Fast Ethernet Media Converter, RJ45 / SC

**Bidirectional
Tx 1550 nm /
Rx 1310 nm**

The perfect converter solution for various fiber media

The media converters from DIGITUS® are the ideal solution for the migration of copper and fiber network signals. From now on, you are able to access the fiber technology and transfer network signals over several kilometers without renewing your whole network infrastructure.

The huge variety of products fulfil your individual needs. The intuitive operation guarantees a quick and easy installation. The link fault pass through function offers a no-fear-networking. Your network administrator will be able to find and solve network problems easily. Years of experience and a wide range of products lets DIGITUS® become a reliable partner for your network.

- Transforms wire based network media to fiber optic
- High quality and excellent reliability
- 10/100Base-T and IEEE 802.3u compatible
- Connectors: 1x RJ45, 1x SC Simplex
- Distance up to 20 km
- Wavelength: Tx 1550 nm / Rx 1310 nm
- Singlemode single fiber
- Automatic cable detection - auto MDI / MDI-X function
- Auto-negotiation of full- and half-duplex
- Diagnostic and monitoring LEDs for the status of power, link and act of the ports
- Link fault pass through (LFP) function for easier network maintenance
- Suitable for 9/125 µm fiber cables
- Transmission power: minimum -8 dBm, maximum -3 dBm
- Sensitivity receiving power: minimum -36 dBm
- Supported standards: IEEE 802.3 Ethernet, IEEE 802.3u Fast Ethernet
- 128kB data buffer
- Operating temperature: 0 to 55°C
- Dimensions (LxWxH): 95 x 70 x 26 mm
- Weight: 200 g
- Standalone converter with external power supply
- Input supply voltage: 5V DC
- Max. current: 800 mA
- Power consumption: 2.5 W
- Suitable converter for opposite side: DN-82022



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293156 / DN-82023
Bidirectional Fast Ethernet media converter, RJ45 / SC, distance up to 20 km

307716 / DN-82023_40
Bidirectional Fast Ethernet media converter, RJ45 / SC, distance up to 40 km

307723 / DN-82023_60
Bidirectional Fast Ethernet media converter, RJ45 / SC, distance up to 60 km

307730 / DN-82023_80
Bidirectional Fast Ethernet media converter, RJ45 / SC, distance up to 80 km

DIGITUS® Fast Ethernet Media Converter, RJ45 / SFP

100 Mbps
SFP

The perfect converter solution for various fiber media

The media converters from DIGITUS® are the ideal solution for the migration of copper and fiber network signals. From now on, you are able to access the fiber technology and transfer network signals over several kilometers without renewing your whole network infrastructure.

The huge variety of products fulfil your individual needs. The intuitive operation guarantees a quick and easy installation. The link fault pass through function offers a no-fear-networking. Your network administrator will be able to find and solve network problems easily. Years of experience and a wide range of products lets DIGITUS® become a reliable partner for your network.

- Transforms wire based network media to fiber optic
- High quality and excellent reliability
- 10/100Base-T and IEEE 802.3u compatible
- Connectors: 1x RJ45, 1x SFP
- Distance up to 80 km
- Automatic cable detection - auto MDI / MDI-X function
- Auto-negotiation of full- and half-duplex
- Diagnostic and monitoring LEDs for the status of power, link and act of the ports
- Supported standards: IEEE 802.3 Ethernet, IEEE 802.3u Fast Ethernet
- 128kB data buffer
- Operating temperature: 0 to 55°C
- Dimensions (LxWxH): 95 x 70 x 26 mm
- Weight: 200 g
- Standalone converter with external power supply
- Input supply voltage: 5V DC
- Exclusive SFP module



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Gigabit Media Converter

DIGITUS® Gigabit Media Converter, RJ45 / ST

Multimode
up to 550 m

The perfect converter solution for various fiber media

The media converters from DIGITUS® are the ideal solution for the migration of copper and fiber network signals. From now on, you are able to access the fiber technology and transfer network signals over several kilometers without renewing your whole network infrastructure.

The huge variety of products fulfil your individual needs. The intuitive operation guarantees a quick and easy installation. The link fault pass through function offers a no-fear-networking. Your network administrator will be able to find and solve network problems easily. Years of experience and a wide range of products lets DIGITUS® become a reliable partner for your network.

- Transforms wire based network media to fiber optic
- High quality and excellent reliability
- 10/100/1000 Base-TX to 1000Base-SX
- Connectors: 1x RJ45, 1x ST duplex
- Distance up to 0.5 km
- Wavelength: 850 nm
- Multimode dual fiber
- Automatic cable detection - Auto MDI / MDI-X function
- Auto-negotiation of full- and half-duplex
- Diagnostic and monitoring LEDs for the status of power, link and act of the ports
- Suitable for 8.3/125 µm, 8.7/125 µm, 9/125 µm or 10/125 µm fiber cables
- Transmission power: minimum -17 dBm, maximum -12 dBm
- Sensitivity receiving power: minimum -20 dBm
- Supported standards: IEEE 802.3 Ethernet, IEEE 802.3u Fast Ethernet, IEEE 802.3z Gigabit Ethernet
- 2MB data buffer
- Operating temperature: 0 to 60°C
- Dimensions (LxWxH): 95 x 70 x 26 mm
- Weight: 200 g
- Standalone converter with external power supply
- Input supply voltage: 5V DC



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DIGITUS® Gigabit Media Converter, RJ45 / SC

Multimode
up to 550 m

The perfect converter solution for various fiber media

The media converters from DIGITUS® are the ideal solution for the migration of copper and fiber network signals. From now on, you are able to access the fiber technology and transfer network signals over several kilometers without renewing your whole network infrastructure.

The huge variety of products fulfil your individual needs. The intuitive operation guarantees a quick and easy installation. Years of experience and a wide range of products lets DIGITUS® become a reliable partner for your network.

- Transforms wire based network media to fiber optic
- High quality and excellent reliability
- 10/100/1000 Base-TX to 1000Base-SX
- Connectors: 1x RJ45, 1x SC duplex
- Distance up to 0.5 km
- Wavelength: 850 nm
- Multimode dual fiber
- Automatic cable detection - Auto MDI / MDI-X function
- Auto-negotiation of full- and half-duplex
- Diagnostic and monitoring LEDs for the status of power, link and act of the ports
- Suitable for 50/125 µm and 62.5/125 µm fiber cables
- Transmission power: minimum -17 dBm, maximum -12 dBm
- Sensitivity receiving power: minimum -20 dBm
- Supported standards: IEEE 802.3 Ethernet, IEEE 802.3u Fast Ethernet, IEEE 802.3z Gigabit Ethernet
- 2MB data buffer
- Operating temperature: 0 to 60°C
- Dimensions (LxWxH): 95 x 70 x 26 mm
- Weight: 200 g
- Standalone converter with external power supply
- Input supply voltage: 5V DC



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Gigabit Media Converter

DIGITUS® Gigabit Media Converter, RJ45 / SC

Singlemode
up to 80 km

The perfect converter solution for various fiber media

The media converters from DIGITUS® are the ideal solution for the migration of copper and fiber network signals. From now on, you are able to access the fiber technology and transfer network signals over several kilometers without renewing your whole network infrastructure.

The huge variety of products fulfil your individual needs. The intuitive operation guarantees a quick and easy installation. Years of experience and a wide range of products lets DIGITUS® become a reliable partner for your network.

- Transforms wire based network media to fiber optic
- High quality and excellent reliability
- 10/100/1000Base-TX to 1000Base-LX
- Connectors: 1x RJ45, 1x SC duplex
- Distance up to 10 km
- Wavelength: 1310 nm
- Singlemode dual fiber
- Automatic cable detection - auto MDI / MDI-X function
- Auto-negotiation of full- and half-duplex
- Diagnostic and monitoring LEDs for the status of power, link and act of the ports
- Suitable for 9/125 µm fiber cables
- Transmission power: minimum -12 dBm, maximum -6 dBm
- Sensitivity receiving power: minimum -21 dBm
- Supported standards: IEEE 802.3 Ethernet, IEEE 802.3u Fast Ethernet, IEEE 802.3z Gigabit Ethernet
- 2MB data buffer
- Operating temperature: 0 to 60°C
- Dimensions (LxWxH): 95 x 70 x 26 mm
- Weight: 200 g
- Standalone converter with external power supply
- Input supply voltage: 5V DC



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293132 / DN-82121-1
Gigabit media converter, RJ45 / SC, distance up to 10 km

307792 / DN-82121-1_040
Gigabit media converter, RJ45 / SC, distance up to 40 km

307808 / DN-82121-1_060
Gigabit media converter, RJ45 / SC, distance up to 60 km

307815 / DN-82121-1_080
Gigabit media converter, RJ45 / SC, distance up to 80 km

DIGITUS® Bidirectional Gigabit Media Converter, RJ45 / SC

**Bidirectional
Tx 1310 nm /
Rx 1550 nm**

The perfect converter solution for various fiber media

The media converters from DIGITUS® are the ideal solution for the migration of copper and fiber network signals. From now on, you are able to access the fiber technology and transfer network signals over several kilometers without renewing your whole network infrastructure.

The huge variety of products fulfil your individual needs. The intuitive operation guarantees a quick and easy installation. Years of experience and a wide range of products lets DIGITUS® become a reliable partner for your network.

- Transforms wire based network media to fiber optic
- High quality and excellent reliability
- 10/100/1000Base-TX to 1000Base-LX
- Connectors: 1x RJ45, 1x SC simplex
- Distance up to 20 km
- Wavelength: Tx 1310 nm / Rx 1550 nm
- Singlemode single fiber
- Automatic cable detection - auto MDI / MDI-X function
- Auto-negotiation of full- and half-duplex
- Diagnostic and monitoring LEDs for the status of power, link and act of the ports
- Link fault pass through (LFP) function for easier network maintenance
- Suitable for 9/125 µm fiber cables
- Supported standards: IEEE 802.3 Ethernet, IEEE 802.3u Fast Ethernet, IEEE 802.3z Gigabit Ethernet
- 2MB data buffer
- Operating temperature: 0 to 60°C
- Dimensions (LxWxH): 95 x 70 x 26 mm
- Weight: 200 g
- Standalone converter with external power supply
- Input supply voltage: 5V DC
- Max. current: 800 mA
- Power consumption: 2.5 W
- Suitable converter for opposite Side: DN-82123



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307938 / DN-82122

Bidirectional Gigabit media converter, RJ45 / SC, distance up to 20 km

307945 / DN-82122_040

Bidirectional Gigabit media converter, RJ45 / SC, distance up to 40 km

307952 / DN-82122_060

Bidirectional Gigabit media converter, RJ45 / SC, distance up to 60 km

307969 / DN-82122_080

Bidirectional Gigabit media converter, RJ45 / SC, distance up to 80 km



Gigabit Media Converter

DIGITUS® Bidirectional Gigabit Media Converter, RJ45 / SC

**Bidirectional
Tx 1550 nm /
Rx 1310 nm**

The perfect converter solution for various fiber media

The media converters from DIGITUS® are the ideal solution for the migration of copper and fiber network signals. From now on, you are able to access the fiber technology and transfer network signals over several kilometers without renewing your whole network infrastructure.

The huge variety of products fulfil your individual needs. The intuitive operation guarantees a quick and easy installation. Years of experience and a wide range of products lets DIGITUS® become a reliable partner for your network.

- Transforms wire based network media to fiber optic
- High quality and excellent reliability
- 10/100/1000Base-TX to 1000Base-LX
- Connectors: 1x RJ45, 1x SC simplex
- Distance up to 20 km
- Wavelength: Tx 1550 nm / Rx 1310 nm
- Singlemode single fiber
- Automatic cable detection - auto MDI / MDI-X function
- Auto-negotiation of full- and half-duplex
- Diagnostic and monitoring LEDs for the status of power, link and act of the ports
- Link fault pass through (LFP) function for easier network maintenance
- Suitable for 9/125 µm fiber cables
- Supported standards: IEEE 802.3 Ethernet, IEEE 802.3u Fast Ethernet, IEEE 802.3z Gigabit Ethernet
- 2MB data buffer
- Operating temperature: 0 to 60°C
- Dimensions (LxWxH): 95 x 70 x 26 mm
- Weight: 200 g
- Standalone converter with external power supply
- Input supply voltage: 5V DC
- Max. current: 800 mA
- Power consumption: 2.5 W
- Suitable converter for opposite side: DN-82122



back



307976 / DN-82123
Bidirectional Gigabit media converter, RJ45 / SC, distance up to 20 km

307983 / DN-82123_040
Bidirectional Gigabit media converter, RJ45 / SC, distance up to 40 km

307990 / DN-82123_060
Bidirectional Gigabit media converter, RJ45 / SC, distance up to 60 km

308003 / DN-82123_080
Bidirectional Gigabit media converter, RJ45 / SC, distance up to 80 km

DIGITUS® Gigabit Media Converter, RJ45 / SFP

Gigabit
SFP

The perfect converter solution for various fiber media

The media converters from DIGITUS® are the ideal solution for the migration of copper and fiber network signals. From now on, you are able to access the fiber technology and transfer network signals over several kilometers without renewing your whole network infrastructure.

The huge variety of products fulfil your individual needs. The intuitive operation guarantees a quick and easy installation. Years of experience and a wide range of products lets DIGITUS® become a reliable partner for your network.

- Transforms wire based network media to fiber optic
- High quality and excellent reliability
- 10/100/1000Base-TX to 1000Base-LX
- Connectors: 1x RJ45, 1x SFP
- Distance up to 80 km
- Automatic cable detection - auto MDI / MDI-X function
- Auto-negotiation of full- and half-duplex
- Diagnostic and monitoring LEDs for the status of power, link and act of the ports
- Supported standards: IEEE 802.3 Ethernet, IEEE 802.3u Fast Ethernet, IEEE 802.3z Gigabit Ethernet
- 2MB data buffer
- Operating temperature: 0 to 60°C
- Dimensions (LxWxH): 95 x 70 x 26 mm
- Weight: 200 g
- Standalone converter with external power supply
- Input supply voltage: 5V DC
- Exclusive SFP module



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293163 / DN-82130

Gigabit media converter, RJ45 / SFP, 10/100/1000Base-T to SFP module

307334 / DN-82131

Gigabit media converter, RJ45 / SFP, 1000Base-T to SFP module



VDSL Media Converter

DIGITUS® Fast Ethernet Media Converter, RJ11 / BNC

**RJ11/BNC
Converter**

The perfect converter solution for telephone lines

- Data transmission over telephone lines
- Connections: 1x RJ45, 1x RJ11
- DIP switch for CO/CPE, Fast/Interleaved Modi and Signal/Noise Ratio
- Compatible to the following standards: 802.3 10Base-T, 802.3u 100Base-TX, 802.3x Full Duplex, ETSI, ANSI, ITU-T G.993.1 (VDSL)
- Up to 100/60 Mbps (90/90 Mbps with synchronous data rate) within a distance of 300 meters and 40/10 Mbps for up to 1 km
- Distance up to 3 km
- High quality and excellent reliability
- Diagnostic and monitoring LEDs for the status of power, link and act of the ports
- Standalone converter with external power supply

DN-82040



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DN-82050



294122 / DN-82040
Fast Ethernet media converter, RJ45 / RJ11

294139 / DN-82050
Fast Ethernet media converter, RJ45 / BNC



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