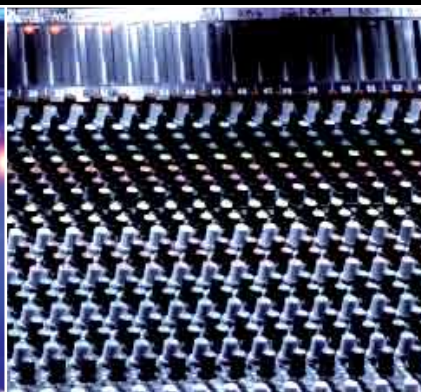


S2CEB
AUDIO VIDEO BROADCAST



**AUDIO . VIDEO . BROADCAST
CABLES . CONNECTORS . ACCESSORIES
SOLUTIONS CATALOG**





member of the TKH Group <

SUMMARY

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LEGEND OF PICTOGRAMS



Cables for mobile application

Great flexibility cables, tractions strenghts with abrasions and are easily lovable



Cables for fixed application

Conceived to transmit the audio and video signals on important distances and in electromagnetic environments with strong pollution



Analog

Cables are usually used for microphone, instrumental... signals and for some video links



Digital

Cables transmit digital signals. The characteristic impedance is 110 Ohm



High Definition Tv

Defined by standard SMPTE292A



Serial Digital Interface

It's an universal interface for digital video



Cable category



Bandwidth

from 100 MHz to 1200 MHz



Oxygen Free Copper

Cables having a copper a low oxygen content



Fire resistance



Flame resistance



LSZH cable

Cable with an external jacket which in case of fire doesn't release from toxic smoke: chloride, brominates, iodine and fluorine



Cable for unbalanced links



Cable for balanced links



Indoor / outdoor use



Colour jacket

Black, blue or red



Voice over IP



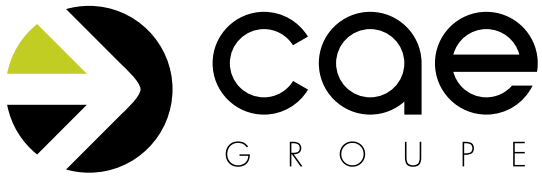
Power over Ethernet



Loose tube fiber



Tight buffer fiber



CAE is a now part of TKH Group listed company based in Netherlands. TKH is one of the leading company, located worldwide, specialized in manufacturing and distributing cabling systems. Dimensioned with Amsterdam Stock Exchange (Euronex), TKH is an organized industrial company. The three main core activities are building, Telecom, Industry.

S2CEB, audio and video department, develops, manufactures and markets solutions adapted to the audio, video broadcast and audio-visual market needs.



PRODUCTS

S2CEB proposes adapted solution for each range:

- Cables audio, video, Ethernet, fiberoptics.
- Connectors
- Cords and cabling systems
- Floors standing, wall mounted cabinets, panels and accessories 19"
- Cable reels



MANUFACTURING

S2CEB gets the full professional support of TKH specialized factories in each activity.

Production units are located worldwide to respond to the best interest of our partners in terms of proximity and quality.

All TKH factories work in accordance with the international standards ISO 9001 and ISO 14001.

The factories are organized by speciality: copper and fiber optic cables, cables for industry, study and production of connectors...

This industrial force makes it possible to create new standards, to answer the technological changes of the markets, to manufacture cables with the request.

S2CEB has internal cords production unit able to realize all audio, video, Ethernet cords, stage boxes, patch panels... cabled.

All the products are designed by the services Research and development of CAE. A control which makes it possible to follow the last technological tendencies and to propose

a personalized assistance for any request for specific development.





WORLDWIDE DISTRIBUTION

CAE has subsidiary companies based in EEC (Belgium, Poland...), in Africa (Morocco...), and in Asia (China, Malaysia, Singapore).

MARKETING SUPPORTS

Sales on line: through its web site CAE puts on line the whole of its offer, the councils in the choice of the products and their implementation and allows online shopping.

Training: internal training facilities

The training centre First offers training, technical and marketing courses aimed at facilitating the study, the implementation and the reception of the infrastructures of information technologie.



REFERENCES - FRANCE

- France Télévision
- Eurosport
- Radio France
- RFI
- POPB
- Opéra Garnier
- Musée d'Orsay
- Parlement Européen
- Eurodisney
- Olympia
- Grand Prix F1 Monaco
- Stade de France
- Opéra Comique

REFERENCES – WORLDWIDE

- Tanger stadium – Morocco
- SNRT – Morocco
- SAP new office – Singapore
- California Gym - Singapore
- Chingay 2010 - Singapore

Audio Cables





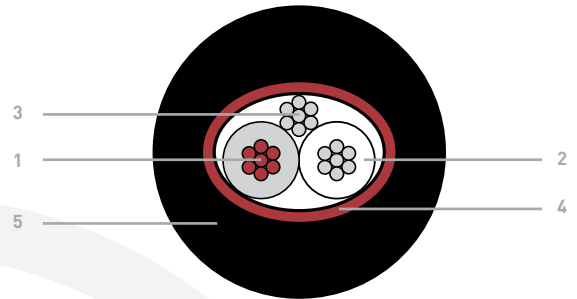
Audio Cables

ANALOG PATCH CABLE: JA 14



1. Composition of core: 18 x 0.10 mm bare copper
2. Conductor insulation: polyethylene
Color coding of conductors: grey, transparent
3. Drain wire: 7 x 0.20 mm tin plated copper
4. Shielding: bare copper spiral shielding
5. Jacket: Black PVC - ø 2.65 mm

JA14



APPLICATIONS

- Analog balanced audio links
- Fixed and mobile applications
- Inside wiring of racks, audio equipment, and stage boxes

MECHANICAL CHARACTERISTICS

- Operating temperature: -30°C - + 70°C
- Bend radius: Fixed station: 14 mm
Mobile station: 26 mm

PRODUCT ADVANTAGES

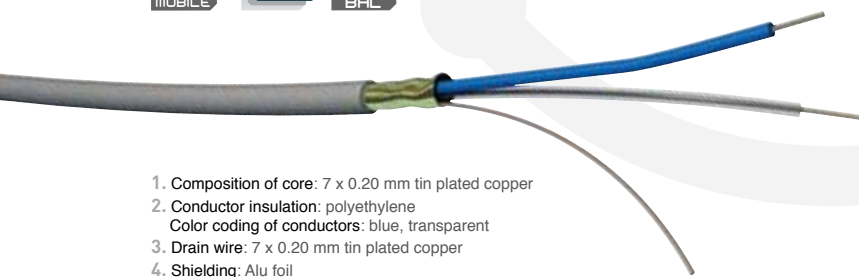
- High flexibility
- Compactness
- Excellent ease of use

SUITABLE PLUG

- 3 pins XLR, Jacks, Cinch

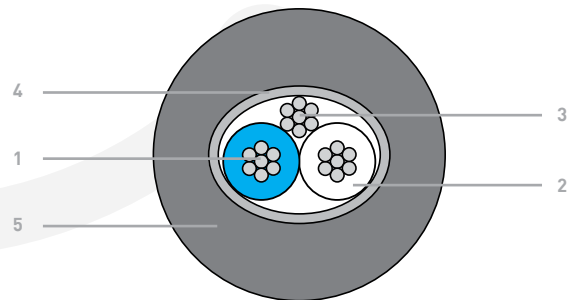
Part Nb	No of pairs	Section	Jacket	Outer diameter	Weight	Packaging
JA14	1	0.14 mm ²	Black PVC	2.65 mm	13 kg / km	100 m

ANALOG PATCH CABLE: JA 28



1. Composition of core: 7 x 0.20 mm tin plated copper
2. Conductor insulation: polyethylene
Color coding of conductors: blue, transparent
3. Drain wire: 7 x 0.20 mm tin plated copper
4. Shielding: Alu foil
5. Jacket: Grey PVC - ø 2.90 mm

JA28



APPLICATIONS

- Analog balanced audio links
- Fixed and mobile applications
- Inside wiring of racks, audio equipment, and stage boxes
- Studio cabling

MECHANICAL CHARACTERISTICS

- Operating temperature: -20°C - + 85°C
- Bend radius: Fixed station: 30 mm
Mobile station: 45 mm

PRODUCT ADVANTAGES

- 100% shielding
- Allows for easy connection

SUITABLE PLUG

- 3 pins XLR, Jack 3.50 mm, Jack 6.35 mm, Cinch

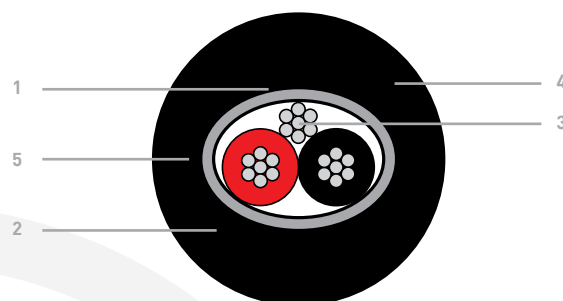
Part Nb	No of pairs	Section	Jacket	Outer diameter	Weight	Packaging
JA28	1	0.22 mm ²	Grey PVC	2.90 mm	15 kg / km	100 m

ANALOG PATCH CABLE: CA 40



1. Composition of core: 7 x 0.20 mm tin plated copper
2. Conductor insulation: polyethylene
Color coding of conductors: red, black
3. Drain wire: 7 x 0.20 mm tin plated copper
4. Shielding: Alu foil
5. Jacket: Black PVC – ø 4.00 mm

CA40



APPLICATIONS

- Analog balanced audio links
- Fixed, mobile and broadcast applications
- Inside wiring of racks, audio equipment, and stage boxes

PRODUCT ADVANTAGES

- 100% shielding
- Allows for easy connection

MECHANICAL CHARACTERISTICS

- Operating temperature: -20°C - + 85°C
- Bend radius: Fixed station: 20 mm
Mobile station: 40 mm

SUITABLE PLUGS

- 3 pins XLR, Jack 3.50 mm, Jack 6.35 mm, Cinch

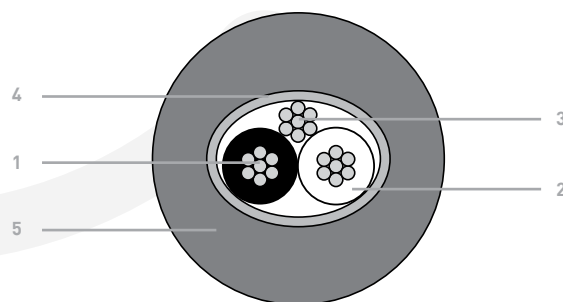
Part Nb	No of pairs	Section	Jacket	Outer diameter	Weight	Packaging
CA40	1	0.22 mm ²	Black PVC	4.00 mm	22 kg / km	100 m

ANALOG PATCH CABLE: JA 45



1. Composition of core: 7 x 0.25 mm tin plated copper
2. Conductor insulation: polyethylene
Color coding of conductors: black, transparent
3. Drain wire: 7 x 0.20 mm tin plated copper
4. Shielding: Alu foil
5. Jacket: Grey PVC – ø 4.45 mm

JA45



APPLICATIONS

- Analog balanced audio links
- Audio transmissions over long distances
- Fixed and mobile applications
- Inside wiring of racks, audio equipment, and stage boxes

PRODUCT ADVANTAGES

- High flexibility
- Compactness
- Audio transmissions over long distances

MECHANICAL CHARACTERISTICS

- Operating temperature: -10°C - + 70°C
- Bend radius: Fixed station: 22 mm
Mobile station: 45 mm

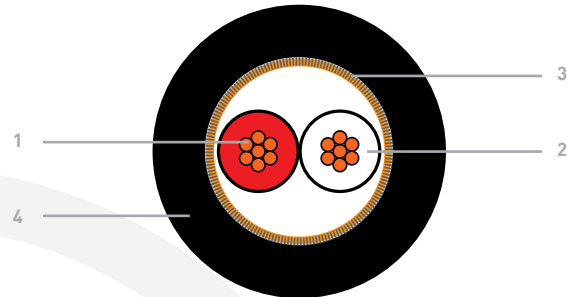
SUITABLE PLUGS

- 3 pins XLR, Jack 3.50 mm, Jack 6.35 mm, Cinch

Part Nb	No of pairs	Section	Jacket	Outer diameter	Weight	Packaging
JA 45	1	0.34 mm ²	Grey PVC	4.45 mm	25 kg / km	CUSTOM LENGTH

Audio Cables

MICROPHONE CABLE: MIC 222



1. Composition of core: 7 x 0.20 mm Bare copper
2. Conductor insulation: PVC
Color coding of conductors: red, white
3. Shielding: Bare copper braiding
4. Jacket: Black PVC – Ø 5.00 mm

APPLICATIONS

- Line level connection of balanced microphones and audio equipment
- Fixed and mobile applications

PRODUCT ADVANTAGES

- Excellent price/quality ratio
- Great performance

SUITABLE PLUGS

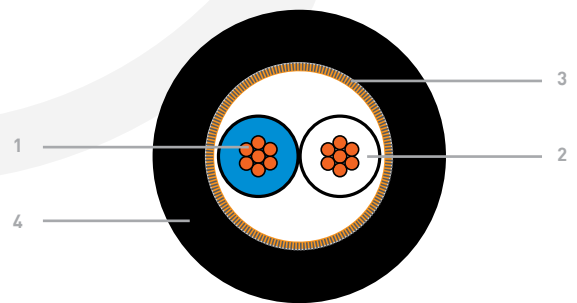
- 3 pins XLR, Jack 3.50 mm, Jack 6.35 mm, cinch

MECHANICAL CHARACTERISTICS

- Operating temperature: -10°C - + 70°C
- Bend radius: Fixed station: 35 mm
Mobile station: 50 mm

Part Nb	Nb of pairs	Section	Jacket	Outer diameter	Weight	Packaging
MIC222	1	0.22 mm ²	Black PVC	5.00 mm	35 kg / km	100 and 500 m

MICROPHONE CABLE: MIC 240



1. Composition of core: 14 x 0.20 mm Bare copper
2. Conductor insulation: PVC
Color coding of conductors: blue, white
3. Shielding: Bare copper braiding

APPLICATIONS

- Line level connection of balanced microphones and audio equipment
- Fixed and mobile applications

PRODUCT ADVANTAGES

- Excellent price/quality ratio
- Great performance

SUITABLE PLUGS

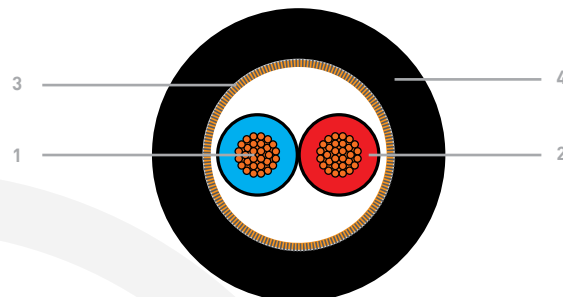
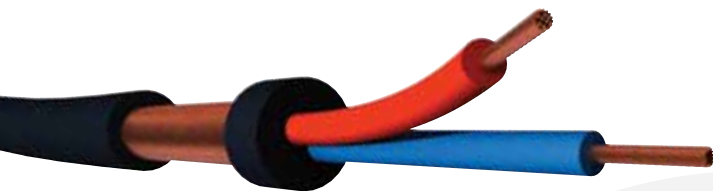
- 3 pins XLR, Jack 3.50 mm, Jack 6.35 mm, Cinch

MECHANICAL CHARACTERISTICS

- Operating temperature: -10°C - + 70°C
- Bend radius: Fixed station: 30 mm
Mobile station: 60 mm

Part Nb	Nb of pairs	Section	Jacket	Outer diameter	Weight	Packaging
MIC240	1	0.40 mm ²	Black PVC	6.30 mm	55 kg / km	100 and 500 m

MICROPHONE CABLE: **VIPER**



1. Composition of core: 28 x 0.10 mm Bare copper
2. Conductor insulation: Polyethylene
Color coding of conductors: red, blue
3. Shielding: Bare copper spiral shielding

VIPER

APPLICATIONS

- Analog balanced audio links
- Best-seller
- Ideal for on-stage performances

MECHANICAL CHARACTERISTICS

- Operating temperature: -20°C - + 70°C
- Bend radius: Fixed station: 30 mm
Mobile station: 60 mm

PRODUCT ADVANTAGES

- High flexibility
- Very robust
- Easy to wind
- Good resistance to tensile strength
- Designed to be coiled, uncoiled, bend and crushed
- Jacket available in different colors
- Available in cords – ON AIR PRO range

SUITABLE PLUGS

- 3 pins XLR, Jack 6.35 mm, Cinch

Part Nb	Nb of pairs	Section	Jacket	Outer diameter	Weight	Packaging
VIPER	1	0.22 mm ²	Black PVC	6.35 mm	52 kg / km	100 and 500 m
VIPERR	1	0.22 mm ²	Red PVC	6.35 mm	52 kg / km	100 m
VIPERB	1	0.22 mm ²	Blue PVC	6.35 mm	52 kg / km	100 m

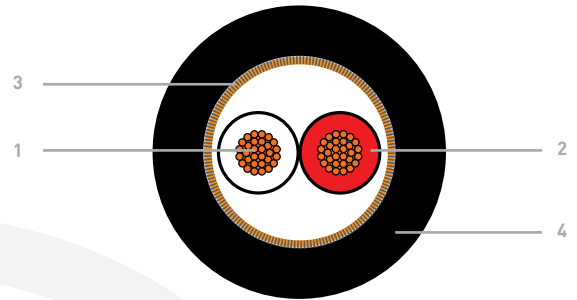
Audio Cables

MICROPHONE CABLE: **FMR 222**



FMR222

1. Composition of core: 28 x 0.10 mm Bare oxygen-free copper
2. Conductor insulation: Polyethylene
Color coding of conductors: red, white
3. Shielding: Double bare copper spiral shielding
4. Jacket: Black PVC – Ø 6.20 mm



APPLICATIONS

- Microphone links in sensitive environments like: recording studios, radio and TV broadcasting
- All balanced analog audio links

MECHANICAL CHARACTERISTICS

- Operating temperature: -10°C - + 70°
- Bend radius: 30 mm

PRODUCT ADVANTAGES

- 100% shielding thanks to double copper spiral shielding
- Low microphone noise thanks to intermediate conductive jacket
- Optimal audio signal transmission thanks to the use of oxygen-free copper

SUITABLE PLUGS

- 3 pins XLR, Jack 6.35 mm, cinch

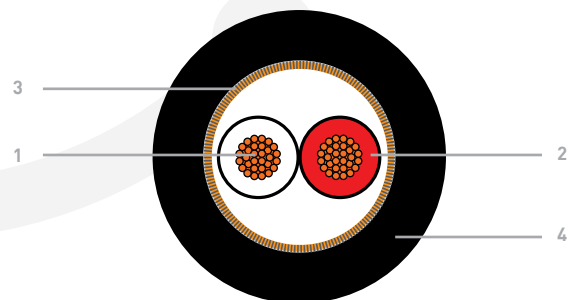
Part Nb	Nb of pairs	Section	Jacket	Outer diameter	Weight	Packaging
FMR222	1	0.22 mm ²	Black PVC	6.20 mm	50 kg / km	100 m

MICROPHONE CABLE: **FMR 240**



FMR240

1. Composition of core: 28 x 0.10 mm Bare oxygen-free copper
2. Conductor insulation: Polyethylene
Color coding of conductors: red, white
3. Shielding: Double bare copper spiral shielding
4. Jacket: Black PVC – Ø 6.70 mm



APPLICATIONS

- Microphone links in sensitive environments like: recording studios, radio and TV broadcasting
- Links over long distances.
- All balanced analog audio links

MECHANICAL CHARACTERISTICS

- Operating temperature: -10°C - + 70°C
- Bend radius: 30 mm

PRODUCT ADVANTAGES

- 100% shielding thanks to double copper spiral shielding
- Low microphone noise thanks to intermediate conductive jacket
- Optimal audio signal transmission thanks to the use of oxygen-free copper

SUITABLE PLUGS

- 3 pins XLR, Jack 6.35 mm, cinch

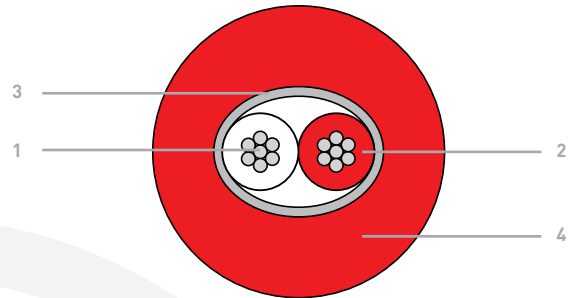
Part Nb	Nb of pairs	Section	Jacket	Outer diameter	Weight	Packaging
FMR240	1	0.40 mm ²	Black PVC	6.70 mm	65 kg / km	100 m

MICROPHONE CABLE AND PATCH: **TT 14**



1. Composition of core: 18 x 0.10 mm Bare copper
2. Conductor insulation: Polyethylene
Color coding of conductors: red, white
3. Shielding: Tin plated copper spiral shielding
4. Jacket: Red PVC - Ø 4.60 mm

TT14



APPLICATIONS

- Analog balanced audio links
- Fixed and mobile applications
- Inside wiring of racks, audio equipment, and stage boxes
- Ideal for cabling of TT and GPO type jacks, and high-quality pick-up and cinch links

PRODUCT ADVANTAGES

- Great crush resistance and tensile strength
- 100% shielding
- High flexibility
- Jacket available in different colors

MECHANICAL CHARACTERISTICS

- Operating temperature: -30°C - + 70°C
- Bend radius: Fixed station: 30 mm

SUITABLE PLUGS

- 3 pins XLR, Jack 3.50 mm, Jack 6.35 mm, Jack Bantam, Jack GPO, Cinch

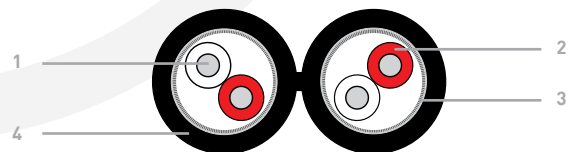
Part Nb	Nb of pairs	Section	Jacket	Outer diameter	Weight	Packaging
TT14	1	0.14 mm ²	Black PVC	4.60 mm	27 kg / km	100 m
TT14R	1	0.14 mm ²	Red PVC	4.60 mm	27 kg / km	100 m
TT14B	1	0.14 mm ²	Blue PVC	4.60 mm	27 kg / km	100 m

MICROPHONE CABLE AND PATCH: **DUAL MIC**



1. Composition of core: 18 x 0.10 mm Bare copper
2. Conductor insulation: Polyethylene
Color coding of conductors: red, white
3. Shielding: Tin plated copper spiral shielding
4. Jacket: Black PVC - Ø 3.40 x 7.00 mm

DUALMIC



APPLICATIONS

- Stereo microphone cords
- Clip cords
- Microphone connection
- Line level balanced audio equipment
- Fixed and mobile applications, studios

PRODUCT ADVANTAGES

- Excellent price/quality ratio
- Great performance

MECHANICAL CHARACTERISTICS

- Operating temperature: -30°C - + 70°C
- Bend radius: Fixed station: 30 mm
Mobile station: 45 mm

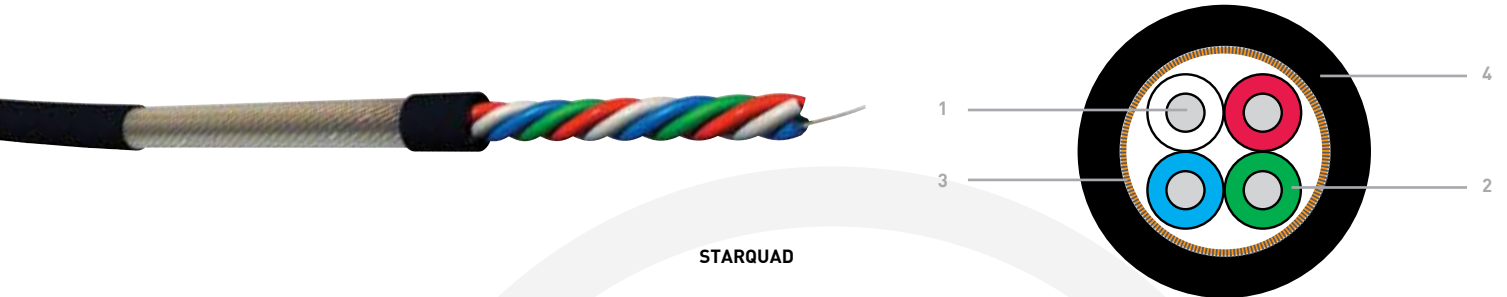
SUITABLE PLUGS

- 3 pins XLR, Jack 3.50 mm, Jack 6.35 mm, Cinch

Part Nb	Nb of pairs	Section	Jacket	Outer diameter	Weight	Packaging
DUALMIC	2	0.14 mm ²	Black PVC	3.40 x 7.00 mm	40 kg / km	100 m

Audio Cables

MICROPHONE CABLE: **STARQUAD**



STARQUAD

1. Composition of core: 19 x 0.12 mm Tin plated copper
2. Conductor insulation: Polyethylene
Color coding of conductors: red, white, blue, green
3. Shielding: Double tin plated copper spiral shielding
4. Jacket: Black PVC – Ø 6.80 mm

APPLICATIONS

- Analog balanced audio links
- Fixed and mobile applications, recording studios
- Midi links
- Audio links in broadcasting environment

MECHANICAL CHARACTERISTICS

- Operating temperature: -5°C - + 70°C
- Bend radius: Fixed station: 35mm
Mobile station: 55 mm

PRODUCT ADVANTAGES

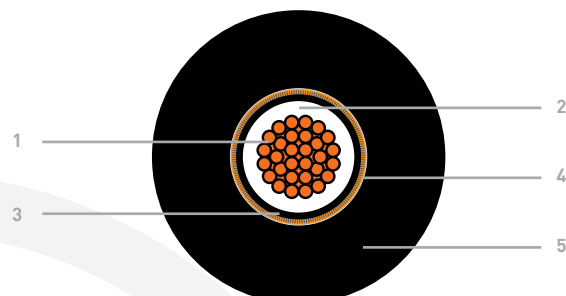
- 100% shielding thanks to double copper spiral shielding
- Low microphone noise
- High resistance to background noise
- Immune to electromagnetic interference thanks to a double shielding and star-quad assembly

SUITABLE PLUGS

- 3 pins XLR, Jacks, Din

Part Nb	Nb of conductors	Section	Jacket	Outer diameter	Weight	Packaging
STARQUAD	4	0.22 mm ²	Black PVC	6.80 mm	82 kg / km	100 m

INSTRUMENT CABLES: **COBRA**



COBRA

1. Composition of core: 7 x 0.20 mm Bare copper
2. Conductor insulation: Cellular PE
3. Shielding: Conductive carbon layer + bare copper spiral shielding
4. Jacket: Black PVC – Ø 6.00 mm

APPLICATIONS

- Unbalanced analog audio
- Guitar connection cable
- Ideal for on-stage performances

MECHANICAL CHARACTERISTICS

- Operating temperature: -5°C - + 70°C
- Bend radius: Fixed station: 30mm
Mobile station: 55 mm

PRODUCT ADVANTAGES

- High flexibility
- Very robust
- Easy to wind
- 100% shielding thanks to the combination of a copper spiral shielding and a conductive carbon layer
- Good resistance to tensile strength
- Designed to be coiled, uncoiled, bend and crushed
- Available in cords – ON AIR PRO range

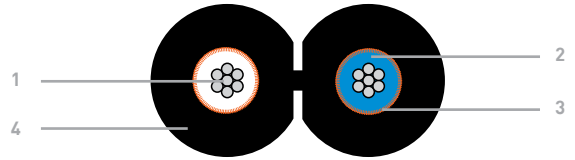
SUITABLE PLUGS

- 3 pins XLR, Jack mono 6.35 mm

Part Nb	Nb of conductors	Section	Jacket	Outer diameter	Weight	Packaging
COBRA	1	0.22 mm ²	Black PVC	6.00 mm	40 kg / km	100 m

Audio Cables

UNBALANCED CABLES: **DUAL 22 ET DUAL 22HQ**



1. Composition of core: 7 x 0.20 mm Tin plated copper
2. Conductor insulation: Polyethylene
Color coding of conductors: transparent, blue
3. Shielding: Bare copper spiral shielding
4. Jacket: Black PVC – Ø 3.50 x 6.50 mm

DUAL22

APPLICATIONS

- Unbalanced analog audio
- Fixed and mobile installations
- Audio patch panels
- Hi-Fi
- Cinch/Cinch and Cinch/Jack cords

MECHANICAL CHARACTERISTICS

- Operating temperature: -20°C - + 70°C
- Bend radius: Fixed station: 25mm
Mobile station: 50 mm

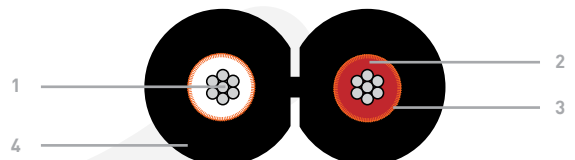
PRODUCT ADVANTAGES

- Absolute reliability of transmission
- Perfect sound quality at playback
- Ease of use thanks to great mechanical flexibility

SUITABLE PLUGS

- XLR, Jacks, Cinch

Part Nb	Nb of conductors	Section	Jacket	Outer diameter	Weight	Packaging
DUAL22	2	0.22 mm ²	Black PVC	3.50 mm x 6.50 mm	40 kg / km	100 m



1. Composition of core: 7 x 0.20 mm Tin plated copper
2. Conductor insulation: Polyethylene
Color coding of conductors: red, white
3. Shielding: Bare copper spiral shielding
4. Jacket: Black PVC – Ø 5.00 x 9.00 mm

DUAL22HQ

APPLICATIONS

- Unbalanced analog audio
- Fixed and mobile installation
- Hi-Fi
- cinch/cinch and cinch/Jack cords
- Audio patch panels

MECHANICAL CHARACTERISTICS

- Operating temperature: -20°C - + 70°C
- Bend radius: Fixed station: 25mm
Mobile station: 50 mm

PRODUCT ADVANTAGES

- Absolute reliability of transmission
- Perfect sound quality at playback
- Ease of use thanks to great mechanical flexibility
- Larger outer diameter allows use of high-end metal cinch
- Available in cords – ON AIR PRO range

SUITABLE PLUGS

- XLR, Jacks, cinch

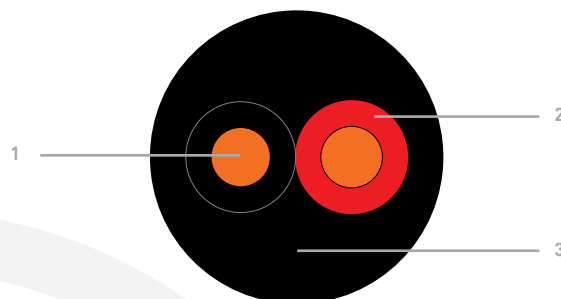
Part Nb	Nb of conductors	Section	Jacket	Outer diameter	Weight	Packaging
DUAL22HQ	2	0.22 mm ²	Black PVC	5.00 mm x 9.00 mm	65 kg / km	100 m

SPEAKER CABLES: FHP 215 – FHP 225 – FHP 2400



FHP225

1. Composition of core: multi-strand bare copper
 FHP215: 30 x 0,25 mm
 FHP225: 50 x 0,25 mm
 FHP2400: 127 x 0,20 mm
2. Conductor insulation: PVC
 Color coding of conductors: black, red
3. Jacket: Black PVC



APPLICATIONS

- Wiring of all types of sound systems
- Connection of amplifiers and speakers
- Wiring of fixed and mobile installations
- Public Address

PRODUCT ADVANTAGES

- Robustness
- Color coding of conductors
- Very robust
- Available in cords – ON AIR PRO range
- Flexibility

MECHANICAL CHARACTERISTICS

- Operating temperature: -20°C - + 70°C
- Bend radius: Fixed station: 5 x outer diameter
 Mobile station: 10 x outer diameter

ELECTRICAL CHARACTERISTICS

- Operating voltage: 300 v

SUITABLE PLUGS

- XLR, Jacks, Speakon

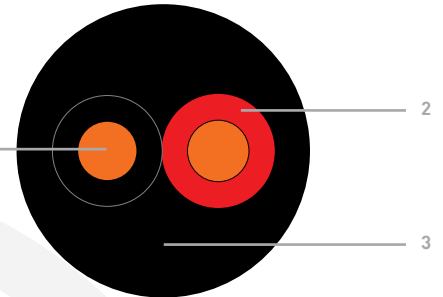
Part Nb	Nb of conductors	Section	Jacket	Outer diameter	Weight	Packaging
FHP215	2	1.50 mm ²	Black PVC	6.20 mm	60 kg / km	100 m and 500 m
FHP225	2	2.50 mm ²	Black PVC	7.40 mm	87 kg / km	100 m and 500 m
FHP2400	2	4.00 mm ²	Black PVC	10.20 mm	130 kg / km	1000 M

Audio Cables

HIGHLY FLEXIBLE SPEAKER CABLES: **SFHP 215 – SFHP 225**



SFHP225



1. **Composition of core:** multi-strand bare copper
SFHP215: 182 x 0,10 mm
SFHP225: 310 x 0,10 mm
2. **Conductor insulation:** PVC
Color coding of conductors: red, black
3. **Jacket:** Black PVC

APPLICATIONS

- Wiring of all types of sound systems
- Connection of amplifiers and speakers
- Ideal for mobiles applications: on-stage performances ...

PRODUCT ADVANTAGES

- Oxygen-free copper for better sound quality and longer life span
- High flexibility thanks to 0,10 mm core conductors and ultra flexible PVC jacket
- Easy to wind
- Available in diameters of 1,50 mm² and 2,50 mm²
- Available in cords – ON AIR PRO range

ELECTRICAL CHARACTERISTICS

- Operating voltage: 300 V

MECHANICAL CHARACTERISTICS

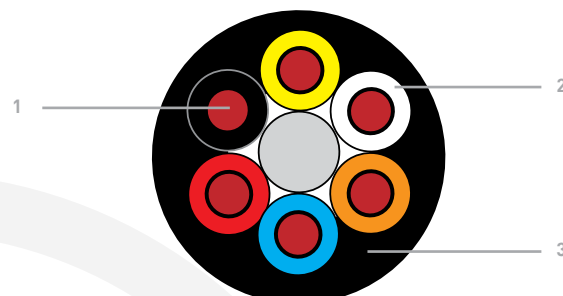
- Operating temperature: -20°C - + 70°C
- Bend radius: Fixed station: 5 x outer diameter
Mobile station: 10 x outer diameter

SUITABLE PLUGS

- 3 pins XLR, Jacks, speakon

Part Nb	Nb of conductors	Section	Jacket	Outer diameter	Weight	Packaging
SFHP215	2	1.50 mm ²	Black PVC	6.20 mm	60 kg / km	100 m and 500 m
SFHP225	2	2.50 mm ²	Black PVC	7.40 mm	87 kg / km	100 m and 500 m

MULTICORE SPEAKER CABLES: **FHP 425 – FHP 4400 – FHP 525 – FHP 625 – FHP 825 – FHP 8400**



FHP 825

1. **Composition of core:** multi-strand bare copper
 FHP425: 50 x 0,25 mm
 FHP4400: 127 x 0,20 mm
 FHP525: 50 x 0,25 mm
 FHP625: 50 x 0,25 mm
 FHP 825: 50 x 0,25 mm
 FHP 8400: 127 x 0,20 mm
2. **Conductor insulation:** PVC
Color coding of conductors: Nb 1: red
 Nb 2: black
 Nb 3: yellow
 Nb 4: white
 Nb 5: blue
 Nb 6: orange
 Nb 7: grey
 Nb 8: green
3. **Jacket:** Black PVC

APPLICATIONS

- Wiring of all types of sound systems
- Connection of amplifiers and speakers
- Wiring of fixed and mobile installations
- Public Address

PRODUCT ADVANTAGES

- Robustness
- Available in versions with 4, 5, 6 and 8 conductors for multi-channel sound systems
- Color coding of conductors
- Very robust

SUITABLE PLUGS

- 3 pins XLR, Jacks, speakon

ELECTRICAL CHARACTERISTICS

- Operating voltage: 300 V

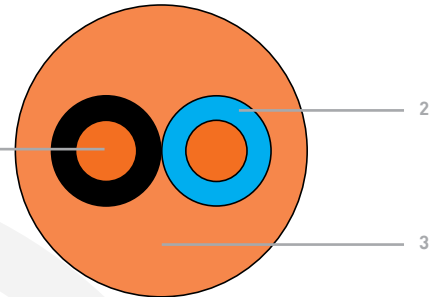
MECHANICAL CHARACTERISTICS

- Operating temperature: -20°C - + 70°C
- Bend radius: Fixed station: 5 x outer diameter
 Mobile station: 10 x outer diameter

Part Nb	Nb of conductors	Section	Jacket	Outer diameter	Weight	Packaging
FHP 425	4	2.50 mm ²	Black PVC	10.25 mm	160 kg / km	Custom length
FHP 440	4	4.00 mm ²	Black PVC	12.20 mm	260 kg / km	Custom length
FHP 625	6	2.50 mm ²	Black PVC	13.00 mm	260 kg / km	Custom length
FHP 825	8	2.50 mm ²	Black PVC	15.80 mm	350 kg / km	Custom length
FHP 8400	8	4.00 mm ²	Black PVC	17.00 mm	450 kg / km	Custom length

Audio Cables

SPEAKER CABLES: **FHP CR1C1**



FHPCR1C1

1. **Composition of core:** multi-strand bare copper, Class 5
2. **Conductor insulation:** Silicon elastomer
Color coding of conductors: Nb 1: blue
 Nb 2: black
 Nb 3: brown
 Nb 4: green/yellow
3. **Jacket:** Silicon elastomer - Orange

APPLICATIONS

- Wiring of all types of sound systems in public buildings
- Connection of amplifiers and speakers
- Public Address
- Ideal for mobiles applications: on-stage performances...

PRODUCT ADVANTAGES

- Meets all fire safety standards for buildings where large crowds gather
- Highly resistant to extreme temperatures: -60°C + 180°C
- Excellent flexibility

SUITABLE PLUGS

- XLR, Jacks, speakon

ELECTRICAL CHARACTERISTICS

- Operating voltage: 300 / 500 v

MECHANICAL CHARACTERISTICS

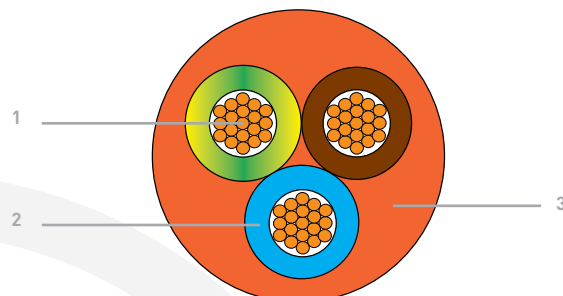
- Operating temperature: -60°C - + 180°C
- Bend radius: 40 mm

STANDARDS

- Fire resistance: CR1 according to NFC 32-070, complies with IEC 60331 standard
- Non-fire propagating properties: C1 according to the NFC 32-070 standard, test 2.2
- Flame retardant: C2 according to the NFC 32-070 standard, test 1, complies with IEC 60332-1 standard
- Halogen-free, low toxic or corrosive emission

Part Nb	Nb of conductors	Section	Jacket	Outer diameter	Weight	Packaging
FHP 215 CR1C1	2	1.50 mm ²	Silicon elastomer - Orange	12.50 mm	60 kg / km	Custom length
FHP 225 CR1C1	2	2.50 mm ²	Silicon elastomer - Orange	15.00 mm	87 kg / km	Custom length
FHP 2400 CR1C1	2	4.00 mm ²	Silicon elastomer - Orange	13.50 mm	119 kg / km	Custom length
FHP 415 CR1C1	4	1.50 mm ²	Silicon elastomer - Orange	14.00 mm	140 kg / km	Custom length
FHP 425 CR1C1	4	2.50 mm ²	Silicon elastomer - Orange	15.50 mm	205 kg / km	Custom length
FHP 4400 CR1C1	4	4.00 mm ²	Silicon elastomer - Orange	17.00 mm	300 kg / km	Custom length

SILICON CABLES: **SIHF**



SIHF

1. Composition of core: multi-strand tin plated copper, Class 5
2. Conductor insulation: Silicon elastomer
Color coding of conductors: No 1: blue, No 2: black, No 3: brown, No 4: green/yellow
3. Jacket: Silicon elastomer – red

APPLICATIONS

- Power supply of lighting equipment
- Excellent resistance to large temperature variations
- Ideally suited for mobile and outdoor applications

PRODUCT ADVANTAGES

- Meets all fire safety standards for buildings staging indoor events.
- Highly resistant to extreme temperatures: -60°C + 180°C
- Excellent flexibility

ELECTRICAL CHARACTERISTICS

- Operating voltage: 300 / 500 V
- Test voltage: 2000 V
- Insulation resistance at 20°C: > 200 MΩ.km

CARACTÉRISTIQUES MÉCANIQUES

- Operating temperature: -60°C - + 180°C
- Peak temperature: : +200°C
- Bend radius: 15 x Ø

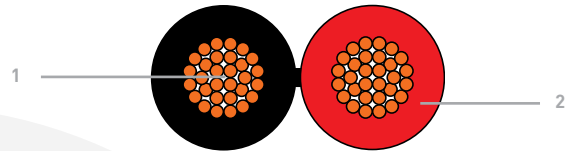
STANDARDS

- Flame retardant: C2 according to IEC 60332-1 and IEC 60332-2
- Self-extinguishing

Part Nb	Nb of conductors	Section	Jacket	Outer diameter	Weight	Packaging
SIHF 2 x 1.5	2	1.50 mm ²	Silicon elastomer - Orange	7.40 mm	87 kg / km	Custom length
SIHF 2 x 1.5 N	2	1.50 mm ²	Silicon elastomer - Black	7.40 mm	87 kg / km	Custom length
SIHF 2 x 2.5	2	2.50 mm ²	Silicon elastomer - Orange	9.00 mm	129 kg / km	Custom length
SIHF 2 x 4	2	4.00 mm ²	Silicon elastomer - Orange	11.20 mm	197 kg / km	Custom length
SIHF 3 G 1.5	3	1.50 mm ²	Silicon elastomer - Orange	7.70 mm	106 kg / km	Custom length
SIHF 3 G 2.5	3	2.50 mm ²	Silicon elastomer - Orange	9.50 mm	162 kg / km	Custom length
SIHF 3 G 4	3	4.00 mm ²	Silicon elastomer - Orange	11.40 mm	231 kg / km	Custom length

Audio Cables

FLAT SPEAKER CABLES: 4030 SERIE



40304089

1. Composition of core: multi-strand bare copper
2. Jacket: PVC

APPLICATIONS

- Wiring of all types of sound systems
- Wiring of fixed and mobile installations
- 100 V installations

PRODUCT ADVANTAGES

- Good price/quality ratio
- Easy to install
- Identification of conductor by means of color code

SUITABLE PLUGS

- Cinch, Jacks, Din

ELECTRICAL CHARACTERISTICS

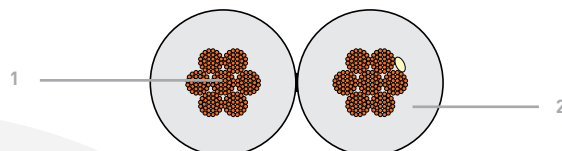
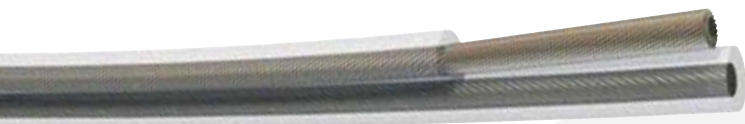
- Operating voltage: 900 V

MECHANICAL CHARACTERISTICS

- Operating temperature: Fixed station: - 25°C +70°C
Mobile station: - 5°C +70°C
- Bend radius: 8 x Outer diameter

Part Nb	Nb of conductors	Section	Jacket	Outer diameter	Packaging
4030.5082N	2	0.50 mm ²	Black PVC	1.80 x 3.70 mm	100 m
4030.5082B	2	0.50 mm ²	White PVC	1.80 x 3.70 mm	100 m
4030.4008	2	0.50 mm ²	Red / black PVC	1.80 x 3.70 mm	100 m
4030.5067N	2	0.75 mm ²	Black PVC	2.10 x 4.20 mm	100 m
4030.5067B	2	0.75 mm ²	White PVC	2.10 x 4.20 mm	100 m
4030.5067G	2	0.75 mm ²	Grey PVC	2.10 x 4.20 mm	100 m
4030.4089	2	0.75 mm ²	Red / black PVC	2.40 x 4.20 mm	100 m
4030.5122N	2	1.00 mm ²	Black PVC	2.40 x 4.80 mm	100 m
4030.5122G	2	1.00 mm ²	Grey PVC	2.40 x 4.80 mm	100 m
4030.5122B	2	1.00 mm ²	White PVC	2.40 x 4.80 mm	100 m
4030.4150	2	1.00 mm ²	Red / black PVC	2.40 x 4.80 mm	100 m
4030.5126N	2	1.50 mm ²	Black PVC	2.60 x 5.20 mm	100 m
4030.5126B	2	1.50 mm ²	White PVC	2.60 x 5.20 mm	100 m
4030.5126G	2	1.50 mm ²	Grey PVC	2.60 x 5.20 mm	100 m
4030.7126RN	2	1.50 mm ²	Red / black PVC	2.60 x 5.20 mm	100 m

FLAT SPEAKER CABLES: **FLAT TWIN SERIE**



40306150

1. Composition of core: multi-strand bare oxygen-free copper

- 4030.6150: 84 x 0.15 mm
- 4030.6200: 112 x 0.15 mm
- 4030.6250: 140 x 0.15 mm
- 4030.6400: 255 x 0.15 mm

Coding of conductors: + conductor: striped
- conductor: round

2. Jacket: Transparent PVC

APPLICATIONS

- Wiring of all types of sound systems
- Hi-Fi
- Wiring of fixed and mobile installations

PRODUCT ADVANTAGES

- Oxygen-free copper
- Double identification of conductors:
- High flexibility

SUITABLE PLUGS

- Cinch, Jacks, Din

ELECTRICAL CHARACTERISTICS

- Operating voltage: 100 V

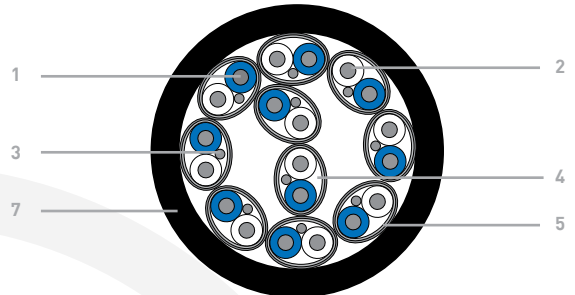
MECHANICAL CHARACTERISTICS

- Operating temperature: Fixed station: - 30°C +70°C
Mobile station: - 10°C +70°C
- Bend radius: 8 x Outer diameter

Part Nb	Nb of conductors	Section	Jacket	Outer diameter	Packaging
4030.6150	2	1.50 mm ²	PVC transparent	3.40 x 7.80 mm	100 m
4030.6200	2	2.00 mm ²	PVC transparent	3.50 x 8.00 mm	100 m
4030.6250	2	2.50 mm ²	PVC transparent	3.80 x 8.60 mm	100 m
4030.6400	2	4.00mm ²	PVC transparent	4.60 x 9.60 mm	100 m

Audio Cables

ANALOG AUDIO MULTI-PAIR CABLES: **MPAI**



MPAI

1. Composition of core: 7 x 0.20 mm tin plated copper
2. Conductor insulation: Polyethylene
Color coding of conductors: transparent / blue
Identification of pairs: By number
3. Drain wire pair: 7 x 0.20 mm tin plated copper
4. Pair shielding: Alu tape
5. Shielding: Alu tape
6. Overall drain wire: 7 x 0.20 mm tin plated copper
7. Jacket: Black PVC

APPLICATIONS

- Analog audio
- Fixed installations
- Audio links in noisy environments
- Wiring in professional sound studios

PRODUCT ADVANTAGES

- Individually shielded and sheathed pairs
- Overall shielding
- Excellent protection against static and electromagnetic interference

MECHANICAL CHARACTERISTICS

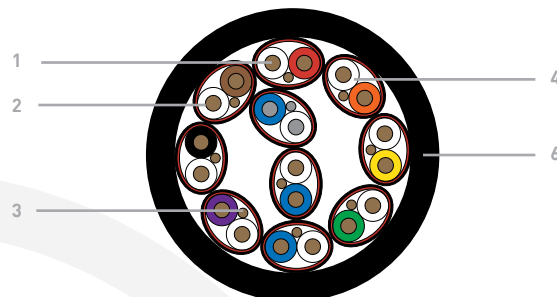
- Operating temperature: Fixed station: - 30°C +80°C
- Bend radius: 5 x Outer diameter

SUITABLE PLUGS

- 3 pins XLR, jacks, square and round multi-pins connectors

Part Nb	Nb of pairs	Section	Jacket	Outer diameter	Weight	Packaging
MPAI 2	2	0.22 mm ²	Black PVC	7.90 mm	92 kg / km	Custom length
MPAI 4	4	0.22 mm ²	Black PVC	9.10 mm	145 kg / km	Custom length
MPAI 8	8	0.22 mm ²	Black PVC	12.20 mm	207 kg / km	Custom length
MPAI 12	12	0.22 mm ²	Black PVC	15.20 mm	308 kg / km	Custom length
MPAI 16	16	0.22 mm ²	Black PVC	17.00 mm	388 kg / km	Custom length
MPAI 20	20	0.22 mm ²	Black PVC	20.00 mm	505 kg / km	Custom length
MPAI 24	24	0.22 mm ²	Black PVC	22.00 mm	577 kg / km	Custom length
MPAI 32	32	0.22 mm ²	Black PVC	24.60 mm	732 kg / km	Custom length

ANALOG AUDIO MULTI-PAIR CABLES: **MPAP**



MPAP

1. Composition of core: 7 x 0.20 mm Tin plated copper
2. Conductor insulation: Polyolefin
Color coding of conductors: see table
3. Drain wire pair: 7 x 0.20 mm Tin plated copper
4. Pair shielding: bare copper spiral shielding
Color coding of pairs: see table
5. Overall drain wire: 7 x 0.20 mm Tin plated copper
6. Jacket: Black PVC

APPLICATIONS

- Analog audio
- All analog audio transmissions: fixed, mobile or broadcast
- Ideal for all analog audio applications requiring long cable lengths

MECHANICAL CHARACTERISTICS

- Operating temperature: - 20°C +70°C
- Bend radius: Fixed station: 5 x outer diameter
Mobile station: 10 x outer diameter

PRODUCT ADVANTAGES

- Highly flexible
- Can be installed over long distances thanks to 0,22 mm² diameter
- Allows for easy connection thanks to color and number coding of pairs
- Available in cords – ON AIR PRO range

SUITABLE PLUGS

- 3 pins XLR, jacks, square and round multi-pins connectors

IDENTIFICATION OF PAIRS

IDENTIFICATION OF CONDUCTORS

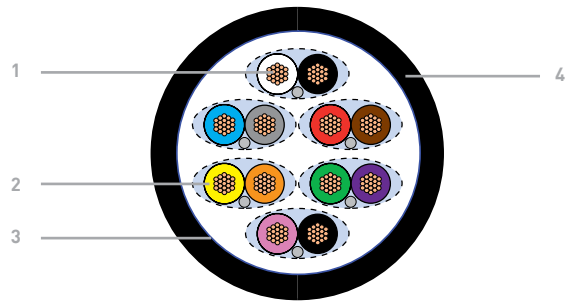
Black (*)	Brown (*)	Red (*)	Orange (*)	Yellow (*)		
	10	20	30	40	Transparent	Black
1	11	21	31	41	Transparent	Brown
2	12	22	32	42	Transparent	Red
3	13	23	33	43	Transparent	Orange
4	14	24	34	44	Transparent	Yellow
5	15	25	35	45	Transparent	Green
6	16	26	36	46	Transparent	Blue
7	17	27	37	47	Transparent	Purple
8	18	28	38	48	Transparent	Grey
9	19	29	39	48	Transparent	White

(*) Color of individual sheath of the pair + pair number

Part Nb	Nb of pairs	Section	Jacket	Outer diameter	Weight	Packaging
MPAP 2	2	0.22 mm ²	Black PVC	8.00 mm	75 kg / km	Custom length
MPAP 4	4	0.22 mm ²	Black PVC	9.50 mm	113 kg / km	Custom length
MPAP 8	8	0.22 mm ²	Black PVC	12.20 mm	191 kg / km	Custom length
MPAP 12	12	0.22 mm ²	Black PVC	14.30 mm	268 kg / km	Custom length
MPAP 16	16	0.22 mm ²	Black PVC	16.00 mm	354 kg / km	Custom length
MPAP 20	20	0.22 mm ²	Black PVC	17.80 mm	434 kg / km	Custom length
MPAP 24	24	0.22 mm ²	Black PVC	20.20 mm	522 kg / km	Custom length
MPAP 32	32	0.22 mm ²	Black PVC	22.50 mm	671 kg / km	Custom length
MPAP 40	40	0.22 mm ²	Black PVC	24.70 mm	821 kg / km	Custom length
MPAP 48	48	0.22 mm ²	Black PVC	26.60 mm	969 kg / km	Custom length

Audio Cables

ANALOG AUDIO MULTI-PAIR CABLES: **MPAPC**



1. Composition of core: 7 x 0,20 mm Tin plated copper
2. Conductor insulation: Polyolefin
Color coding of conductors: see table
3. Pair shielding: Tin plated copper spiral shielding
4. Jacket: Black PVC

MPAP

APPLICATIONS

- All analog audio transmissions: fixed, mobile or broadcast

MECHANICAL CHARACTERISTICS

- Operating temperature: - 20°C +70°C
- Bend radius: Fixed station: 5 x outer diameter
Mobile station: 10 x outer diameter

PRODUCT ADVANTAGES

- Highly flexible
- Can be installed over long distances thanks to 0,22 mm² diameter

SUITABLE PLUGS

- 3 pins XLR, jacks, square and round multi-pins connectors

Pair No	Conductor 1	Conductor 2
1	White	Blue
2	White	Green
3	Red	Yellow
4	Yellow	Blue
5	Yellow	White
6	Red	Blue
7	Red	White
8	Green	Blue
9	Grey	Blue
10	Grey	White
11	Green	Black
12	Yellow	Black
13	Red	Black
14	Blue	Black
15	White	Black
16	Green	Yellow
17	Green	Red
18	Black	Grey
19	Green	Grey
20	Yellow	Grey
21	White	Brown
22	Yellow	Brown
23	Blue	Brown
24	Red	Brown

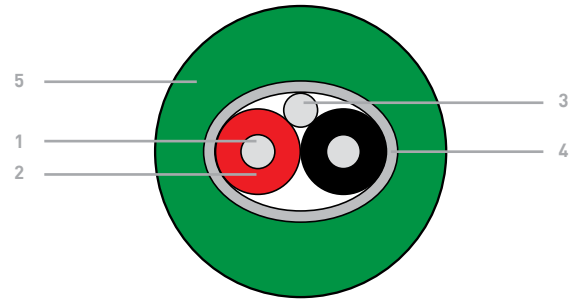
Part Nb	Nb of pairs	Section	Jacket	Outer diameter	Weight	Packaging
MPAPC 20	20	0.22 mm ²	Black PVC	15.50 mm	360 kg / km	Custom length
MPAPC 24	24	0.22 mm ²	Black PVC	17.80 mm	450 kg / km	Custom length

DIGITAL PATCH CABLES: DAC & DIGI 1



1. Composition of core: 1 x 0.40 mm Tin plated copper
2. Conductor insulation: Polyolefin
Color coding of conductors: red, black
3. Drain wire: 1 x 0.40 mm tin plated copper
4. Shielding: Alu foil
5. Jacket: Blue PVC – Ø 3.00 mm

DAC



APPLICATIONS

- Digital balanced audio links
- Broadcast installations
- Inside wiring of racks, audio equipment, and stage boxes
- Studio cabling

ELECTRICAL CHARACTERISTICS

- Impedance : 110 Ω +/- 10
- Attenuation : 1 MHz : 3,60 dB / 100 m
10 MHz : 9,40 dB / 100 m
20 MHz : 13,00 dB / 100 m

PRODUCT ADVANTAGES

- AES / EBU 110 Ω standard
- 100% shielding
- Digital link over long distances

MECHANICAL CHARACTERISTICS

- Operating temperature: - 20°C +70°C
- Bend radius: Fixed station: 5 x outer diameter
Mobile station: 10 x outer diameter

SUITABLE PLUGS

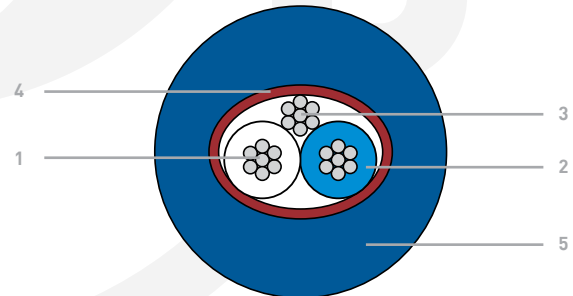
- 3 pins XLR

Part Nb	Nb of pairs	AWG	Jacket	Outer diameter	Weight	Packaging
DAC	1	26	Blue PVC	3.00 mm	12.50 kg / km	Custom length



1. Composition of core: 7 x 0.20 mm Tin plated copper
2. Conductor insulation: Polyethylene
3. Drain wire: 7 x 0.20 mm tin plated copper
4. Shielding: Alu foil
5. Jacket: PVC – Blue LSZH

DIGI1



APPLICATIONS

- Digital balanced audio links.
- Audio links over distances greater than 300 m
- Mobile and fixed applications
- Inside wiring of racks, audio equipment, and stage boxes

ELECTRICAL CHARACTERISTICS

- Impedance : 110 OHM +/- 10
- Nominal capacitance 800 / 1000 Hz: 46 pF / m
- Attenuation : 1 MHz : 2,10 dB / 100 m
10 MHz : 10,50 dB / 100 m
20 MHz : 16,00 dB / 100 m

PRODUCT ADVANTAGES

- AES / EBU standards
- High flexibility
- Compactness
- Excellent ease of use
- Available with LSZH jacket
– DIGI1LSZH (Halogen free jacket with low toxic emission)

MECHANICAL CHARACTERISTICS

- Operating temperature: - 20°C +70°C
- Bend radius: Fixed station: 5 x outer diameter
Mobile station: 10 x outer diameter

STANDARDS LSZH VERSION

- Flame retardant: IEC 60332-1
- Determination of halogenated acid gas content: IEC 60754-1
- Determination of acidity level of gasses: IEC 60754-2
- Smoke density: IEC 61034-1 end -2

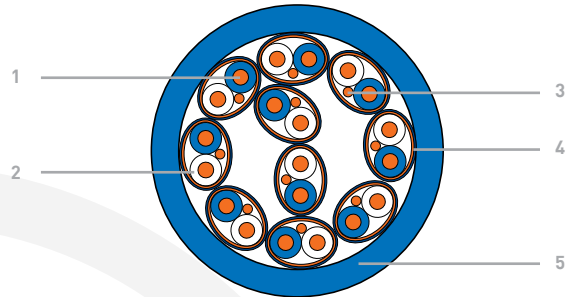
SUITABLE PLUGS

- XLR 3 pins

Part Nb	Nb of pairs	Section	Jacket	Outer diameter	Weight	Packaging
DIGI1	1	0.22 mm ²	Blue PVC	4.60 mm	27 kg / km	Custom length
DIGI1LSZH	1	0.22 mm ²	Blue LSZH	4.20 mm	29 kg / km	Custom length

Audio Cables

DIGITAL MULTI-PAIR AUDIO CABLES: DIGIFLEX



1. Composition of core: 7 x 0.20 mm bare copper
2. Conductor insulation: Cellular polyethylene
Color coding of conductors: White – blue
3. Drain wire pair: 7 x 0.20 mm tin plated copper
4. Shielding of pairs: Bare copper spiral shielding
Identification of pairs : By number
5. Jacket: Blue PVC

DIGI8

APPLICATIONS

- Digital AES / EBU and DMX links over long distances (greater than 300 m)
- Any digital audio link, in fixed applications as well as on stage.

PRODUCT ADVANTAGES

- Highly effective shielding against electrical interferences.
- Highly flexible and easy to coil/uncoil thanks to ultra supply PVC jacket

SUITABLE PLUGS

- 3 pins XLR

ELECTRICAL CHARACTERISTICS

- Impedance : 110 Ω +/- 10
- Nominal capacitance: 800 / 1000 Hz : 46 pF / m

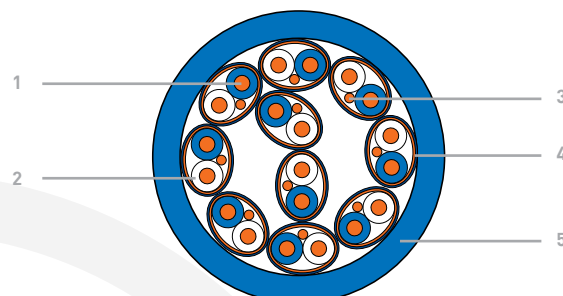
Frequency MHz	Next dB	Nominal attenuation dB / 100 m
0.1	75* - 80**	0.55
1	60* - 65**	2.10
4	53* - 55**	5.80
10	48* - 48**	10.50
20	45* - 45**	16.00

MECHANICAL CHARACTERISTICS

- Operating temperature: - 30°C, + 70°C
- Bend radius: Fixed station: 10 x outer diameter
Mobile station: 15 x outer diameter

Part Nb	Nb of pairs	Section	Jacket	Outer diameter	Weight	Packaging
DIGI 2	2	0.22 mm ²	Blue PVC	10.20 mm	95 kg / km	Custom length
DIGI 4	4	0.22 mm ²	Blue PVC	11.50 mm	159 kg / km	Custom length
DIGI 8	8	0.22 mm ²	Blue PVC	14.90 mm	265 kg / km	Custom length
DIGI 10	10	0.22 mm ²	Blue PVC	17.30 mm	324 kg / km	Custom length
DIGI 12	12	0.22 mm ²	Blue PVC	18.40 mm	371 kg / km	Custom length
DIGI 16	16	0.22 mm ²	Blue PVC	21.00 mm	477 kg / km	Custom length
DIGI 20	20	0.22 mm ²	Blue PVC	23.60 mm	585 kg / km	Custom length
DIGI 24	24	0.22 mm ²	Blue PVC	26.80 mm	702 kg / km	Custom length
DIGI 32	32	0.22 mm ²	Blue PVC	29.30 mm	889 kg / km	Custom length

DIGITAL MULTI-PAIR AUDIO CABLES LSZH: **DIGIFLEX LSZH**



DIGI8 LSZH

1. Composition of core: 7 x 0.20 mm bare copper
2. Conductor insulation: Cellular polyethylene
Color coding of conductors: White – blue
3. Drain wire pair: 7 x 0.20 mm tin plated copper
4. Shielding of pairs: Bare copper spiral shielding
Identification of pair: By number
5. Jacket: Blue LSZH

APPLICATIONS

- Digital AES / EBU and DMX links over long distances (greater than 300 m).
- Fixed installations in buildings where large crowds gather: schools, theaters ...
- Broadcasting studios

PRODUCT ADVANTAGES

- Highly effective shielding against electrical interferences.
- Halogen-free jacket with low toxic emission
- Highly robust jacket thanks to weakly abrasive outer jacket

SUITABLE PLUGS

- 3 pins XLR

ELECTRICAL CHARACTERISTICS

- Impedance: 110 Ω +/- 10
- Nominal capacitance: 800 / 1000 Hz : 46 pF / m

Frequency MHz	Next dB	Nominal attenuation dB / 100 m
0.1	75* - 80**	0.55
1	60* - 65**	2.10
4	53* - 55**	5.80
10	48* - 48**	10.50
20	45* - 45**	16.00

MECHANICAL CHARACTERISTICS

- Operating temperature: -30°C, + 70°C
- Bend radius: Fixed station: 10 x outer diameter
Mobile station: 15 x outer diameter

STANDARDS

- Flame retardant: IEC 60332-1
- Determination of halogenated acid gas content: IEC 60754-1
- Determination of acidity level of gasses: IEC 60754-2
- Smoke density: IEC 61034-1 and -2

Part Nb	Nb of pairs	Section	Jacket	Outer diameter	Weight	Packaging
DIGI 2 LSZH	2	0.22 mm ²	Blue LSZH	9.20 mm	168 kg / km	Custom length
DIGI 4 LSZH	4	0.22 mm ²	Blue LSZH	10.70 mm	278 kg / km	Custom length
DIGI 8 LSZH	8	0.22 mm ²	Blue LSZH	14.20 mm	340 kg / km	Custom length
DIGI 10 LSZH	10	0.22 mm ²	Blue LSZH	16.60 mm	389 kg / km	Custom length
DIGI 12 LSZH	12	0.22 mm ²	Blue LSZH	17.50 mm	500 kg / km	Custom length
DIGI 16 LSZH	16	0.22 mm ²	Blue LSZH	19.80 mm	613 kg / km	Custom length
DIGI 20 LSZH	20	0.22 mm ²	Blue LSZH	22.20 mm	674 kg / km	Custom length
DIGI 24 LSZH	24	0.22 mm ²	Blue LSZH	25.20 mm	735 kg / km	Custom length
DIGI 32 LSZH	32	0.22 mm ²	Blue LSZH	28.00 mm	929 kg / km	Custom length

Lighting & Ethersound cables





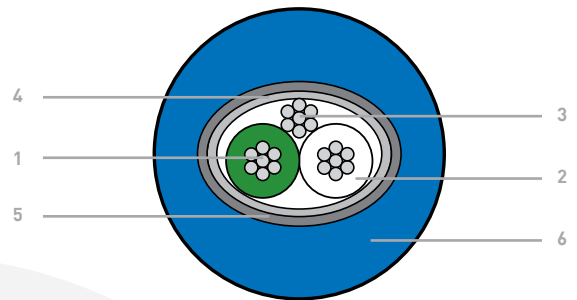
Lighting cables

LIGHTING CABLE: 1 X DMX 512



1. Composition of core: 7 x 0.25 mm tin plated copper
2. Conductor insulation: Polyethylene
Color coding of conductors: white - green
3. Drain wire: 7 x 0.25 mm tin plated copper
4. 1st shielding: Alu foil
5. 2nd shielding: Tin plated copper braid
6. Jacket: Blue PVC – Ø 5.00 mm

1XDMX512



APPLICATIONS

- DMX 512 data and digital transmissions
- Wiring of fixed and mobile installations

ELECTRICAL CHARACTERISTICS

- Impedance : 110 Ω
- Conductor resistance : 60.60 Ω / km
- Insulation resistance : > 500 MΩ / km
- Max. voltage : 300 V

PRODUCT ADVANTAGES

- Transmission over long distances
- High flexibility
- Very good resistance to interferences thanks to double shielding
- Available in cords – ON AIR PRO range

SUITABLE PLUGS

- 3 pins XLR

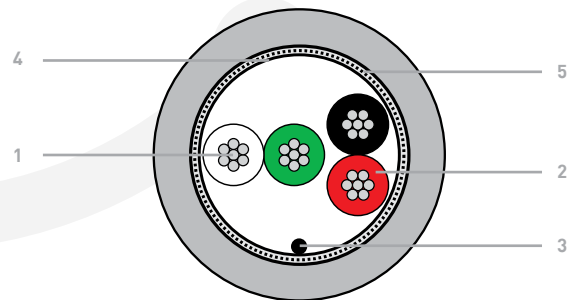
Part Nb	Nb of pairs	Section	Jacket	Outer diameter	Weight	Packaging
1 x DMX512	1	0.22 mm ²	Blue PVC	5.00 mm	42 kg / km	Custom length

LIGHTING CABLE: DMX 512



1. Composition of core: 7 x 0.25 mm tin plated copper
2. Conductor insulation: Polyethylene
Identification of conductors: red / black – white / green
3. Drain wire: 7 x 0.25 mm tin plated copper
4. 1st shielding: Alu foil
5. 2nd shielding: Tin plated copper braid
5. Jacket: Grey or black PVC

DMX512



APPLICATIONS

- DMX 512 data and digital transmissions
- Wiring of fixed and mobile installations

ELECTRICAL CHARACTERISTICS

- Impedance: 110 Ω
- Conductor resistance: 60.60 Ω / km
- Insulation resistance: > 500 MΩ / km
- Max. voltage: 300 V

PRODUCT ADVANTAGES

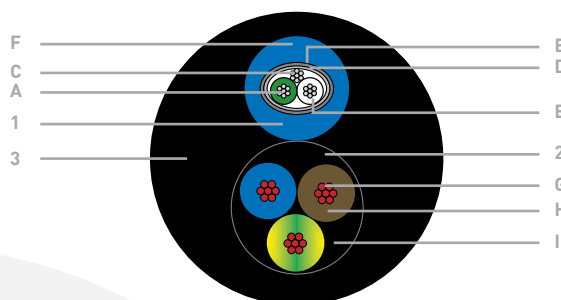
- Transmission over long distances
- High flexibility
- Very good resistance to interferences thanks to double shielding.
- Available in cords – ON AIR PRO range

SUITABLE PLUGS

- 5 pins XLR

Part Nb	Nb of pairs	Section	Jacket	Outer diameter	Weight	Packaging
DMX512	2	0.34 mm ²	Grey PVC	7.00 mm	110 kg / km	Custom length
DMX512N	2	0.34 mm ²	Black PVC	7.00 mm	110 kg / km	Custom length

LIGHTING CABLE: 1X DMX POWER



1XDMXPOWER

1. 1XDMX512

- A. Composition of core: Flexible tin plated copper
- B. Conductor insulation: Polyethylene
Color coding of conductors: white, green
- C. Drain wire: Multi-strand tin plated copper
- D. 1st shielding: Alu foil
- E. 2nd shielding: Tin plated copper braid
- F. Jacket: Blue PVC Ø 5.00 mm

2. VVF3G1.5N

- G. Composition of core: multi-strand bare copper
- H. Conductor insulation: PVC
Color coding of conductors: blue, brown, green / yellow.
- I. Inner jacket: Black PVC – Ø 8.10 mm

3. Jacket: Black PVC - Ø 15.50 mm

APPLICATIONS

- DMX 512 data digital and analog transmissions
- Power cable for spotlights.
- Wiring of fixed and mobile installations.

MECHANICAL CHARACTERISTICS

- Operating temperature: - 30°C +70°C
- Bend radius: Fixed station: 35 mm
Mobile station: 70 mm

PRODUCT ADVANTAGES

- Transmission over long distances
- High flexibility
- Very good resistance to interferences thanks to double shielding

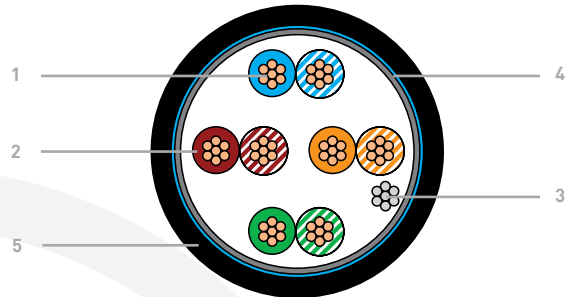
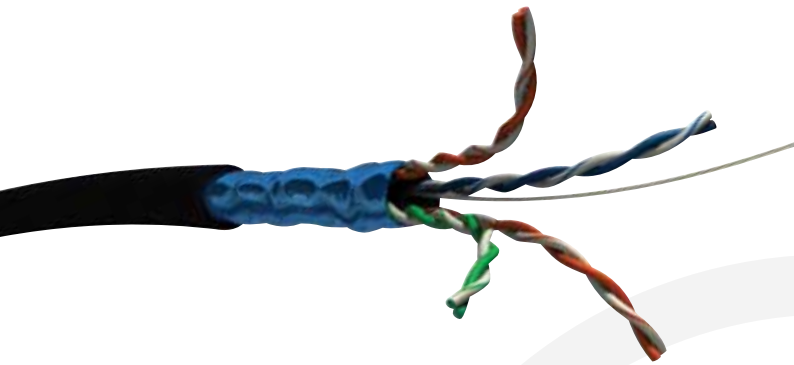
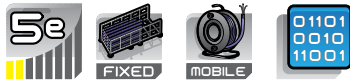
SUITABLE PLUGS

- 3 pins XLR

Item No	No of conductors	Section	Jacket	Outer diameter	Weight	Packaging
DMXPOWER	1 pair 3 conductors	0.22 mm ² 1.50 mm ²	Black PVC	15.50 mm	255 kg / km	Custom length

Ethersound cables

CAT 5e CABLE: **AUDIOLAN**



1. **Composition of core:** Flexible bare copper – AWG 26
2. **Conductor insulation:** Polyethylene
Color coding of pairs: according to EIA / TIA standards
 Pair 1: blue / white – blue
 Pair 2: orange / white – orange
 Pair 3: green / white – green
 Pair 4: brown / white – brown
3. **Drain wire:** Multi-strand Tin plated copper
4. **Shielding:** Alu foil
5. **Jacket:** Black PVC - Ø 5.90mm

AUDIOLAN4P

APPLICATIONS

- Transmission of Ethernet, Ethersound, Cobranet signals
- Audio and video links over twisted pair
- Ideal for all mobile applications

PRODUCT ADVANTAGES

- High flexibility
- Black jacket
- Easy to wind
- Available in cords – ON AIR PRO range (see page xx)

SUITABLE PLUGS

- MMC RJP8BLMER1 + NE8MC

ELECTRICAL CHARACTERISTICS

- Resistance of conductors: 132 Ω / km
- Insulation resistance: 5000 MΩ km
- Impedance (1 to 100 MHz): 100 Ω +/- 15
- Attenuation :

Frequency MHz	Nominal attenuation dB / 100 m
1	3.00
10	9.80
100	33.00

- Return Loss (dB) : cat 5E/EIA-TIA 568 B.2

Frequency MHz	Return loss dB
1 - 10	>20 + 5 log.(F)
10 - 20	> 25
20 - 100	> 25 -8.6 log. (F/20)

MECHANICAL CHARACTERISTICS

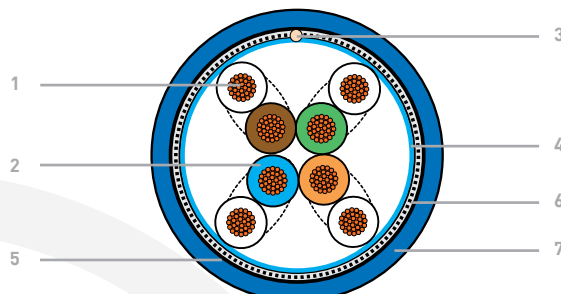
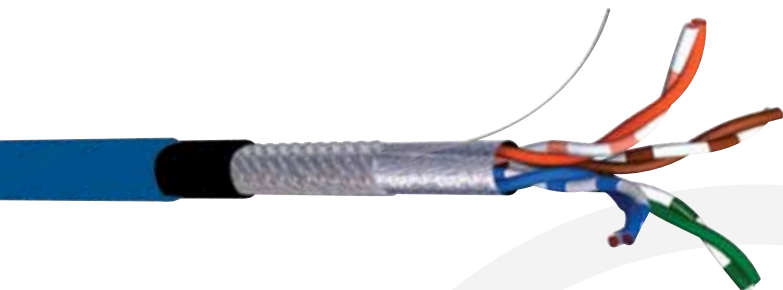
- Operating temperature: - 30°C +70°C
- Bend radius: Fixed station: 35 mm
 Mobile station: 70 mm

TESTS RESULTS BY AUVITRAN FOR THE ETHERSOUND LINK

Part Nb	Type	Error-free tested length	Practical length
AUDIOLAN	F / UTP	85 m	75 m

Part Nb	Nb of pairs	AWG	Jacket	Outer diameter	Weight	Packaging
AUDIOLAN4P	4	26	Black PVC	5.90 mm	40 kg / km	Custom length

CAT 5e CABLE: **AUDIOLAN 24**



AUDIOLAN24

1. **Composition of core:** Flexible bare copper – AWG 24
2. **Conductor insulation:** Cellular polyethylene
Color coding of pairs: according to EIA : TIA standards
Pair 1: blue / white – blue
Pair 2: orange / white – orange
Pair 3: green / white – green
Pair 4: brown / white – brown
3. **Drain wire:** multi-strand tin plated copper
4. **1st shielding:** Alu foil
5. **2nd shielding:** Tin plated copper braid
6. **Inner jacket:** Black PVC – Ø 6.00 mm
7. **Jacket:** Extra flexible PUR Raloflex blue - Ø 7.80 mm

APPLICATIONS

- Transmission of Ethernet, Ethersound, Cobranet... signals over twisted pair for links up to 110 m
- Ideal for all indoor and outdoor on-stage applications

PRODUCT ADVANTAGES

- High flexibility
- Effective protection against electromagnetic interference thanks to double shielding
- Jacket has great tensile and flexural strength
- Compatible with all RJ45 plugs available on the market
- Easy to wind
- Available in cords – ON AIR PRO range

SUITABLE PLUGS

- MMC RJP8BLMER1 + NE8MC

ELECTRICAL CHARACTERISTICS

- Resistance of conductors : 80,90 Ω / km
- Insulation resistance : 5000 M Ω km
- Impedance : (1 to 100 MHz): 100 Ω +/- 15
- Attenuation:

Frequency MHz	Nominal attenuation dB / 100 m
1	2.30
10	7.10
100	22.70

MECHANICAL CHARACTERISTICS

- Operating temperature: - 20°C +70°C
- Min. bend radius: 40 mm

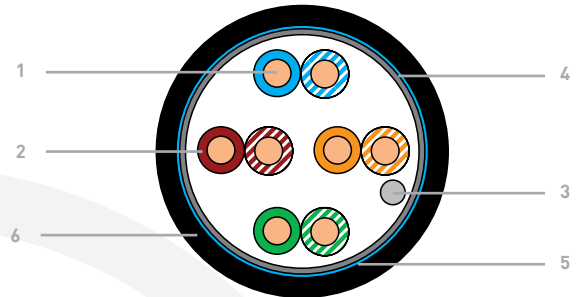
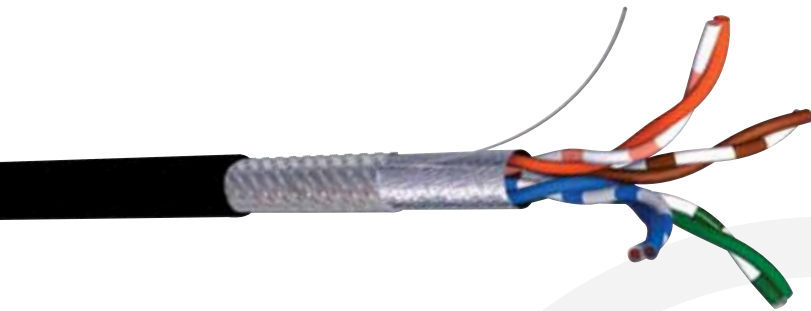
TESTS RESULTS BY AUVITRAN FOR THE ETHERSOUND LINK

Part Nb	Type	Error-free tested length	Practical length
AUDIOLAN24	SF/UTP	114 m	100 m

Part Nb	Nb of pairs	AWG	Jacket	Outer diameter	Weight	Packaging
AUDIOLAN24	4	24	Blue PUR	7.80 mm	40 kg / km	Custom length

Ethersound cables

CAT 5e CABLE: GIGA AUDIO



GIGAAUDIO

1. Composition of core: 1 x 0.515 mm bare copper – AWG 24
2. Conductor insulation: polyolefin
Color coding: Pair 1: blue / white – blue
Pair 2: orange / white – orange
Pair 3: green / white – green
Pair 4: brown / white – brown
3. Drain wire: multi-strand tin plated copper wire
4. 1st shielding: Alu foil / Polyester
2nd shielding: Tin plated copper braid
5. Jacket: Black mat PUR - ø 6.70 mm

APPLICATIONS

- Transmission of Ethernet, Ethersound, Cobranet signals
- Audio and video links over twisted pair.

PRODUCT ADVANTAGES

- Transmission over long distances.
- Ideal for all fixed indoor and outdoor applications (resistance to UV and weather conditions)

SUITABLE PLUGS

- MMC RJ45SC5UNIV + NE8MC

ELECTRICAL CHARACTERISTICS

- Resistance of conductors : < 94 Ω / km
- Capacitance : 50 pF / M
- Impedance from 1 to 100 MHz.: 100 Ω
- Attenuation :

Frequency MHz	Nominal attenuation dB / 100 m
1	2.10
10	6.50
100	22.00

- Return Loss (dB) :

Frequency MHz	Return loss dB
1 - 20	>20 + 5 log. (F)
20 - 100	> 25 - 7 log. (F/20)

MECHANICAL CHARACTERISTICS

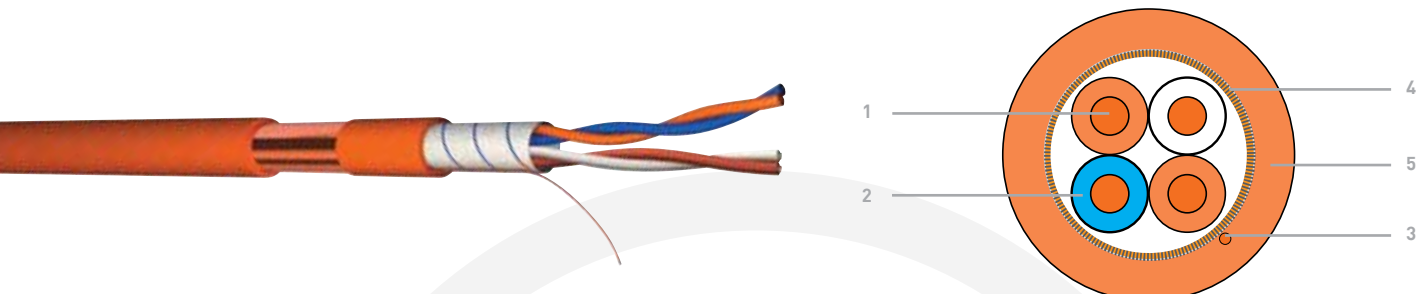
- Operating temperature: - 25°C +80°C
- Min. bend radius : 10 x Ø

TESTS RESULTS BY AUVITRAN FOR THE ETHERSOUND LINK

Part Nb	Type	Error-free tested length	Practical length
GIGAAUDIO	S / FTP	140 m	120 m

Part Nb	Nb of pairs	AWG	Jacket	Outer diameter	Weight	Packaging
GIGAAUDIO	4	24	PVC noir	6.70 mm	60 kg / km	À la coupe

CAT 5e CABLE: **AUDIOLAN2P09CR1**



1. **Composition of core:** Single-strand bare copper 9/10ths
2. **Conductor insulation:** Silicon elastomer
Color coding of pairs: Pair 1: orange / white
Pair 2: orange / blue
3. **Drain wire:** multi-strand tin plated copper
4. **Shielding:** Bare copper foil
5. **Jacket:** Halogen-free orange polyolefin - \varnothing 7.50 mm

AUDIOLAN2P09CR1

APPLICATIONS

- Transmission of Ethernet, Ethersound, Cobranet... signals over twisted pair in sensitive environments that need to comply with fire safety regulations.

PRODUCT ADVANTAGES

- Fire-resistant and non-fire propagating cable

MECHANICAL CHARACTERISTICS

- Operating temperature: - 20°C +60°C
- Min. Bend radius: 10 x \varnothing

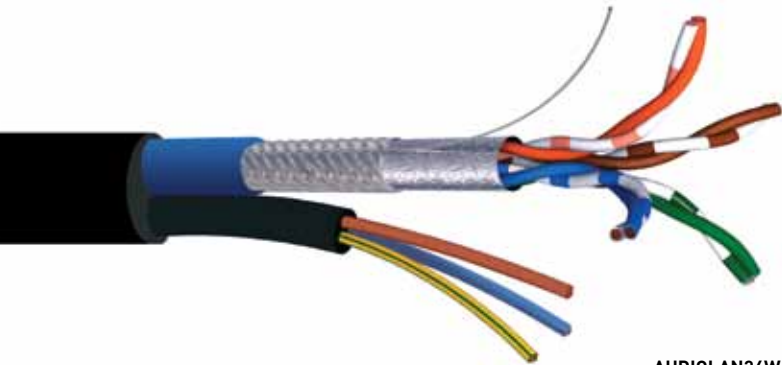
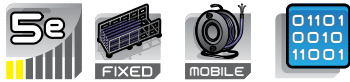
STANDARDS

- Fire-resistance and non-fire propagation.
- Category CR1/C1 according to NC F 32-310 and NF C 32-070
- NF-USE homologation according to IEC 60331
- Flame retardant: C2 according to NFC 32-070 and IEC 60332-1

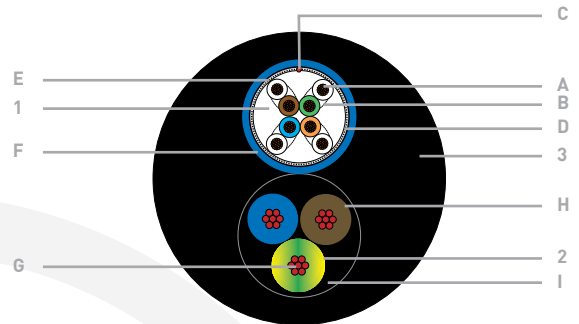
Part Nb	Nb of pairs	Section	Jacket	Outer diameter	Weight	Packaging
AUDIOLAN 2P09CR1	2	9/10ème	No halogen polyolefin	7.50 mm	100 kg / km	Custom length

Ethersound cables

CAT5e CABLE: **AUDIOLAN24W**



AUDIOLAN24W



ETHERNET CABLE

1. AUDIOLAN24

- A. **Composition of core:** Flexible bare copper – AWG 24
- B. **Conductor insulation:** Cellular polyethylene
Color coding of pairs: according to EIA / TIA standards
 Pair 1: blue / white – blue
 Pair 2: orange / white – orange
 Pair 3: green / white – green
 Pair 4: brown / white – brown
- C. **Drain wire:** multi-strand tin plated copper
- D. **Shielding:** Alu foil + Tin plated copper braid

POWER CABLE - 3G 2.50 MM²

2. VVF3G2.5N

- G. **Composition of core:** multi-strand bare copper
 - H. **Conductor insulation:** PVC
Color coding of conductors: blue, brown and green/yellow
 - I. **Inner jacket:** Black PVC - Nom. diameter: 8.40 mm
3. **JACKET:** Black PVC - ø 18.20 mm

APPLICATIONS

- Transmission of Ethernet, ethersound, cobranet signals
- DMX 512 data transmission and digital and analog audio links
- Power cable for spotlights
- Wiring of fixed and mobile installations

MECHANICAL CHARACTERISTICS

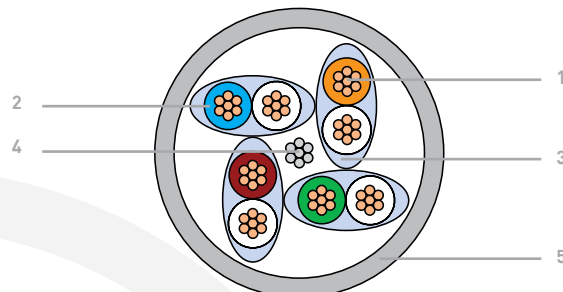
- Operating temperature: - 25°C +70°C
- Min. Bend radius : 100 mm

PRODUCT ADVANTAGES

- Transmission over long distances. High flexibility.
- Very good resistance to interferences thanks to double shielding

Item No	Nb of pairs AWG	Nb of conductors Section	Jacket	Outer diameter	Weight	Packaging
AUDIOLAN24W	2 x 2 x AWG 24	3 G 2.50 mm ²	Black PVC	19.00 mm	255 kg / km	Custom length

CAT6 CABLE: STRANDED CORE CABLES – U/FTP – 250 MHz



TX200P4

1. **Composition of core:** Single-strand annealed copper – AWG 26
2. **Conductor insulation:** High-density PE
Color coding of pairs: Pair 1: blue / white – blue
 Pair 2: orange / white – orange
 Pair 3: green / white – green
 Pair 4: brown / white – brown
3. **Drain wire:** multi-strand tin plated copper – AWG 26
4. **Shielding:** Al/PET foil – 110% coverage
5. **Jacket:** Grey PVC and Grey LSZH

PRODUCT ADVANTAGES

- Shielding with high coverage coefficient allowing for applications in high interference environments
- Good operating characteristics up to 250 MHz

APPLICATION

- Patch cords

MECHANICAL CHARACTERISTICS

- Operating temperature: - 20°C +70°C
- Mini. Bend radius : 8 x Ø

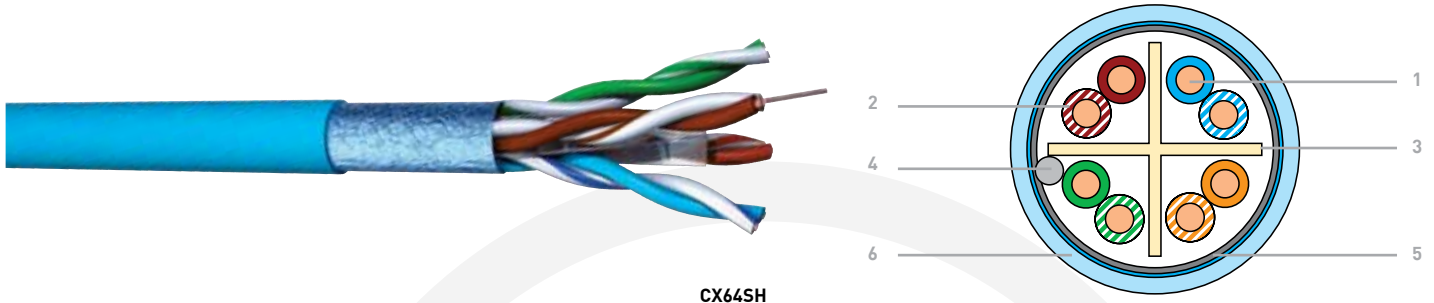
ELECTRICAL CHARACTERISTICS

- Line resistance (max.): 154 Ω / km
- Mutual capacitance: 42 pF / m
- Impedance from 1 to 100 MHz.: 100 Ω +/- 15 Ω
- Attenuation :

Frequency MHz	Nominal attenuation dB / 100 m
1	2.80
10	8.70
100	27.80

Part Nb	Nb of pairs	AWG	Jacket	Outer diameter	Weight	Packaging
TX200P4	4	26	Grey PVC RAL 7035	5.70 mm	40 kg / km	500 and 1000 m
TX200P4SH	4	26	LSZH grey RAL 7035	5.70 mm	40 kg / km	500 and 1000 m

CAT6 CABLE: **SOLID CORE CABLES - F/UTP – 350 MHz**



CX64SH

1. **Composition of core:** Solid annealed copper – AWG 23
2. **Conductor insulation:** high density PE
Color coding: Pair 1: blue / white – blue
 Pair 2: orange / white – orange
 Pair 3: green / white – green
 Pair 4: brown / white – brown
3. **Cross:** High-density PE
4. **Drain wire:** Solid tinned copper– AWG 24
5. **Shielding:** Al/PET foil – 110% coverage
6. **Jacket:** Blue LSZH

PRODUCT ADVANTAGES

- Shielding with high coverage coefficient allowing for applications in high interference environments
- Good operating characteristics up to 350 MHz

APPLICATION

- Transmission of digital and analog voice signals, data transmission and video links

MECHANICAL CHARACTERISTICS

- Operating temperature: - 20°C +70°C
- Mini. Bend radius : 8 x Ø

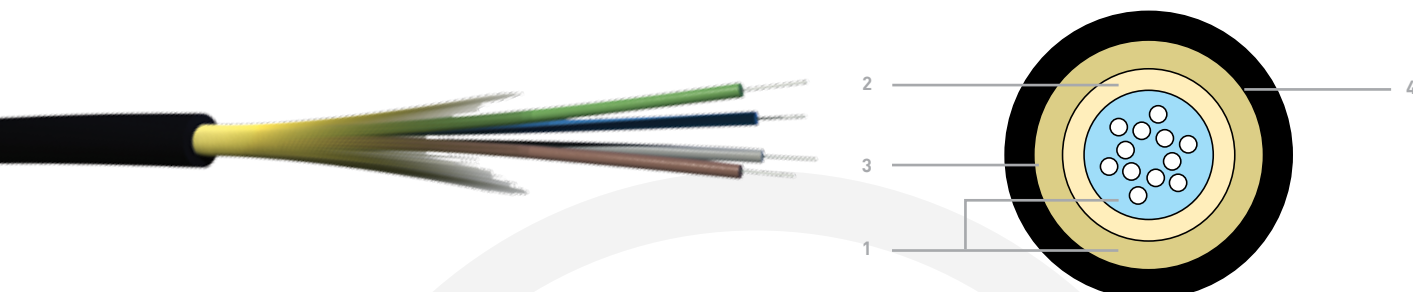
ELECTRICAL CHARACTERISTICS

- Line resistance (max.): 186 Ω / km
- Mutual capacitance: 52 pF / m
- Impedance from 1 to 100 MHz.: 100 Ω +/- 15 Ω
- Attenuation :

Frequency MHz	Nominal attenuation dB / 100 m
1	1.80
10	4.70
100	17.60

Part Nb	Nb of pairs	AWG	Jacket	Outer diameter	Weight	Packaging
CX64SH	4	23	LSZH – RAL 5024	7.50 mm	58 kg / km	305 – 500 and 1000 m
CX68SH	2 x 4	23	LSZH – RAL 5024	7.50 x 15.00 mm	120 kg / km	500 and 1000 m

FIBER OPTIC AUDIO/VIDEO CABLES FOR MOBILE APPLICATIONS: **FOLIVE**



1. Fiber optic – Diameter on jacket: 900 μ m
Number of fibers: 2, 4 and 8 fibers
2. Fiber diameter: 125 μ m
Color coding of fibers: 1: blue
2: orange
3: green
4: brown
5: grey
6: orange
7: red
8: black
3. Protection: Aramid
4. Jacket: Black polyurethane

APPLICATIONS

- Indoor and outdoor installations.
- Fixed and mobile applications.
- Transmission over long distances.
- Great crush and impact resistance, great tensile strength

MECHANICAL CHARACTERISTICS

- Operating temperature: -30°C +70°C
- Mini. Bend radius : 20 x \varnothing

PRODUCT ADVANTAGES

- Weak attenuation
- Color coding of fibers
- Available in multi-mode and single-mode.
- PUR jacket gives the cable a good resistance to UV, water, oils and chemical agents

ELECTRICAL CHARACTERISTICS

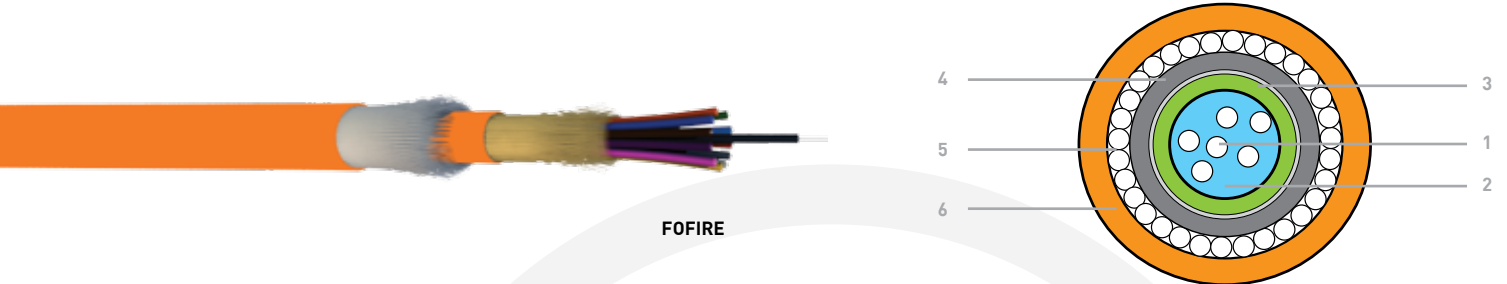
Type of fiber	\varnothing core / jacket	Max. attenuation - dB / km	Band with - MHz / km	Digital opening
Multimode	50 / 125 μ m	3.2 to 850 nm 1.2 to 1300 nm	≥ 400 to 850 nm ≥ 500 to 1300 nm	0.21
Multimode	62.5 / 125 μ m	3.5 to 850 nm 1.5 to 1300 nm	≥ 160 to 850 nm ≥ 500 to 1300 nm	0.27
Single-mode	9 / 125 μ m	0.40 to 1310 nm 0.30 to 1550 nm		

Part Nb	Nb of fibers	Jacket	Outer diameter	Weight	Packaging
FOLIVE 2 xxx	2	Black PUR	4.50 mm	20 kg / km	Custom length
FOLIVE 4 xxx	4	Black PUR	5.70 mm	25 kg / km	Custom length
FOLIVE 8 xxx	8	Black PUR	6.00 mm	30 kg / km	Custom length

Xxx: Optic fiber type
9 for 9/125 – 50 for 50/125 – 625 for 62.5/125

Ethersound cables

FIRE-RESISTANT AUDIO/VIDEO FIBER OPTIC CABLES: **FOFIRE**



1. Optic fiber: 250 µm
2. Central member: PBT filled with sealing gel
Fiber jacket diameter: 900 µm
3. Inner jacket: LSZH
Color coding of fibers: 1: blue
2: orange
3: green
4: brown
5: grey
6: orange
7: red
8: black
9: yellow
10: purple
11: pink
12: turquoise
4. Scuff guards: fiber optic
5. Armor: Steel wire
6. Jacket: Orange LSZH

APPLICATIONS

- Audio video data transmissions
- Transmission over long distances
- Indoor, outdoor and underground installations of in conduits

PRODUCT ADVANTAGES

- Weak attenuation
- Color coding of fibers
- Available in multi-mode and single-mode
- Rodent resistant
- Waterproof

MECHANICAL CHARACTERISTICS

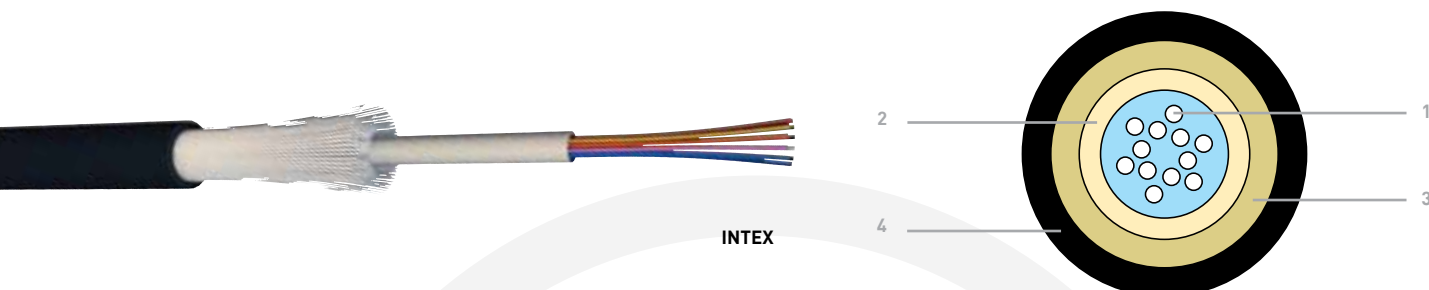
- Tensile strength: 6000 n
- Max. tensile strength during operation: 4500n
- Max. compressive strength: 5000n
- Operating temperature: -25°C +70°C
- Storage temperature: -40°C +70°C
- Min. Bend radius: 150 mm

STANDARDS

- Fire-resistance according to IEC 60332-3 and IEC 60331-25 (90 mn)
- Halogenated gas content: IEC 60754-1
- Acidity level of gasses: IEC 60754-2

Part Nb	Nb of fibers	Jacket	Outer diameter	Weight	Packaging
FOFIRE 2	2	LSZH orange	10.50 mm	50 kg / km	Custom length
FOFIRE 4	4	LSZH orange	10.50 mm	60 kg / km	Custom length
FOFIRE 8	8	LSZH orange	10.50 mm	95 kg / km	Custom length
FOFIRE 12	12	LSZH orange	10.50 mm	99 kg / km	Custom length
FOFIRE 24	24	LSZH orange	12.00 mm	135 kg / km	Custom length

FIBER OPTIC CABLES WITH LOOSE INNER/OUTER STRUCTURE: **INTEX**



- 1. Optic fiber: Loose colored structure - 250 µm
- 2. Central member: PBT filled with thixotropic gel
- 3. Protection: Water-blocking glass yarns
- 4. Inner jacket: Black LSZH

APPLICATIONS

- Indoor links.
- To be installed in trunkings

PRODUCT ADVANTAGES

- Medium rodent protection
- Medium water tightness

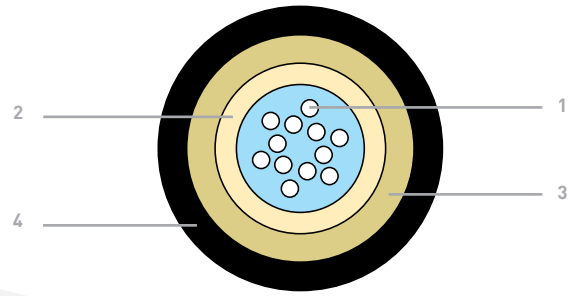
MECHANICAL CHARACTERISTICS

- Max. tensile strength: 1200 N
- Tensile strength during operation: 900 N
- Max. compressive strength: 2000 N
- Operating temperature: -20°C +70°C
- Storage temperature: -40°C +70°C
- Min. Bend radius: 140 mm

Part Nb	Nb of fibers	Jacket	OM2 50/125	OM3 50/125	OS1 9/125	Outer diameter	Weight	Packaging
INTEX 6	6	Black LSZH – RAL 9005	X	X		6.40 mm	46 kg / km	1000 m
INTEX 12	12	Black LSZH – RAL 9005	X	X	X	6.40 mm	50 kg / km	1000 m
INTEX 24	24	Black LSZH – RAL 9005	X	X		6.70mm	55 kg / km	1000 m

Ethersound cables

CENTRAL MEMBER FIBER OPTIC CABLES: **EXT CT**



EXTCT

1. Optic fiber: Colored loose structure - 250 µm
2. Central member: PBT filled with thixotropic gel
3. Protection: Water-blocking glass yarns
4. Inner jacket: Black PEHD

APPLICATIONS

- Outdoor links only.
- Single tube cable structure accepts up to 24 cores
- Termination requires fan-out kit

PRODUCT ADVANTAGES

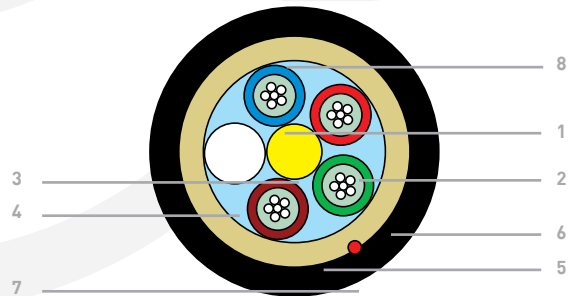
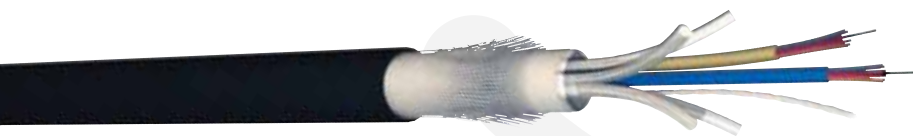
- Good rodent protection
- Excellent water tightness

MECHANICAL CHARACTERISTICS

- Max. tensile strength: 2500 N
- Tensile strength during operation: 1500 N
- Max. compressive strength: 4000 N
- Operating temperature: -40°C +70°C
- Storage temperature: -50°C +70°C
- Min. Bend radius: 20 x Ø

Part Nb	Nb of fibers	Jacket	OM2 50/125	OM3 50/125	OS1 9/125	Outer diameter	Weight	Packaging
EXTCT 4	4	Black PEHD - RAL 9005	X	X		7.00 mm	60 kg / km	1000 m
EXTCT 6	6	Black PEHD - RAL 9005	X	X	X	7.00 mm	60 kg / km	1000 m
EXTCT 12	12	Black PEHD - RAL 9005	X	X	X	7.00 mm	60 kg / km	1000 m
EXTCT 24	24	Black PEHD - RAL 9005		X	X	7.20 mm	78 kg / km	1000 m

MULTI-TUBE FIBER OPTIC CABLES: **EXT MT**



EXT MT

1. Optic fiber: Colored loose structure - 250 µm
2. Tube: PBT filled with thixotropic gel
3. Filler: PE
4. Central carrier: Dielectric CSM
5. Ribbon: Dry swelling material
6. Armor: Water-blocking glass yarns
7. Rip cord: Nylon
8. Jacket: Black PEHD

APPLICATIONS

- Outdoor links only.
- Multi-tube cable structure accepts up to 144 cores
- Termination requires fan-out kit

PRODUCT ADVANTAGES

- Good rodent protection
- Excellent water tightness
- Termination requires fan-out kit

MECHANICAL CHARACTERISTICS

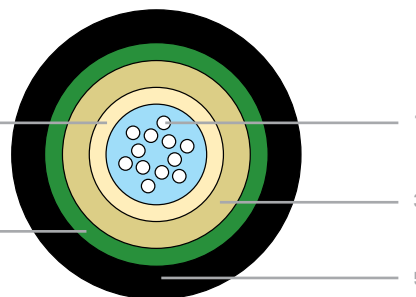
- Max. tensile strength: 2700 N
- Tensile strength during operation: 1700 N
- Max. compressive strength: 4000 N
- Operating temperature: -40°C +70°C
- Storage temperature: -50°C +70°C
- Min. Bend radius: 20 x Ø
- Penetration of liquids: 1m / 1 m / 24 h

Part Nb	Nb of fibers	Jacket	OM2 50/125	OS1 9/125	Outer diameter	Weight	Packaging
EXTMT 24	24	Black PEHD RAL 9005	X	X	10.50 mm	95 kg / km	1000 m
EXTMT 36	36	Black PEHD RAL 9005			11.00 mm	100 kg / km	1000 m
EXTMT 48	48	Black PEHD RAL 9005			11.00 mm	105 kg / km	1000 m
EXTMT 72	72	Black PEHD RAL 9005			11.00 mm	110 kg / km	1000 m

FIBER OPTIC CABLES WITH CENTRAL MEMBER: **EXTAL CT**



EXTAL CT



1. Optic fiber: colored loose structure - 250 μ m
2. Central member: PBT filled with thixotropic gel
3. Protection: Water-blocking glass yarns
4. Armor: corrugated steel ribbon
5. Inner jacket: Black PEHD

APPLICATIONS

- Outdoor links only
- Reduced diameter (10.50 mm)
- Cable structure accepts up to 24 cores
- Termination requires fan-out kit.

PRODUCT ADVANTAGES

- Excellent rodent protection.
- Excellent water tightness
- Can be buried without protection

MECHANICAL CHARACTERISTICS

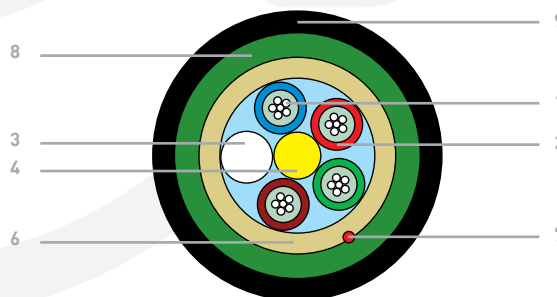
- Max. tensile strength: 2500 N
- Tensile strength during operation: 1500 N
- Max. compressive strength: 5000 N
- Operating temperature: -40°C +70°C
- Storage temperature: -50°C +70°C
- Min. Bend radius: 20 x \varnothing

Part Nb	Nb of fibers	Jacket	OM2 50/125	OM3 50/125	OS1 9/125	Outer diameter	Weight	Packaging
EXTALCT 6	6	Black PEHD RAL 9005	X	X	X	10.50 mm	95 kg / km	1000 m
EXTALCT 12	12	Black PEHD RAL 9005	X	X	X	10.50 mm	99 kg / km	1000 m
EXTALCT 24	24	Black PEHD RAL 9005		X	X	10.50 mm	107 kg / km	1000 m

FIBER OPTIC CABLES WITH CENTRAL MEMBER: **EXTAL MT**



EXTAL MT



1. Optic fiber: colored loose structure - 250 μ m
2. Central member: PBT filled with thixotropic gel
3. Filler: PE
4. Central carrier: Dielectric CSM
5. Ribbon: Dry swelling material
6. Armor: Water-blocking glass yarns
7. Rip cord: Nylon
8. Jacket: Black PEHD

APPLICATIONS

- Outdoor links only
- Multi-tube cable structure accepts up to 144 cores
- Termination requires fan-out kit

PRODUCT ADVANTAGES

- Excellent rodent protection
- Excellent water tightness
- Can be buried without protection

MECHANICAL CHARACTERISTICS

- Max. tensile strength: 2700 N
- Tensile strength during operation: 1400 N
- Max. compressive strength: 6000 N
- Operating temperature: -40°C +70°C
- Storage temperature: -50°C +70°C
- Min. Bend radius: 20 x \varnothing
- Penetration of liquids: 1m / 1 m / 24 h

Part Nb	Nb of fibers	Jacket	OM2 50/125	OM3 50/125	OS1 9/125	Outer diameter	Weight	Packaging
EXTALMT 24	24	Black PEHD - RAL 9005	X	X	X	12.00 mm	135 kg / km	1000 m
EXTALMT 36	36	Black PEHD - RAL 9005				12.50 mm	150 kg / km	1000 m
EXTALMT 48	48	Black PEHD - RAL 9005				14.00 mm	165 kg / km	1000 m
EXTALMT 72	72	Black PEHD - RAL 9005				16.00 mm	220 kg / km	1000 m

Power Cables



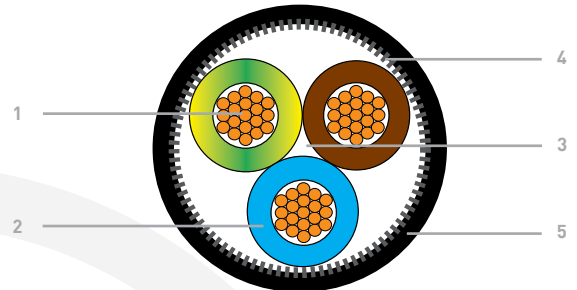


Power Cables

POWER CABLES: H07RN-F



H07RN-F



1. **Core:** bare copper – Class 6
2. **Conductor insulation:** Type E14 Ethylene-propylene elastomer
3. **Identification of conductors:** according to HD 308 S2
 - 1 conductor : black
 - 2 conductors : blue – brown
 - 3 conductors : blue – brown – green/yellow
 - 4 conductors : brown – black – grey – green/yellow
 - 5 conductors : blue – brown – black – grey – green/yellow
 - from 6 conductors : black conductors with white numbers + yellow/green earth wire
4. **Assembly:** Twisted with silicon-free talc
5. **Jacket:** Special type EM2 elastomer, black

APPLICATIONS

- Power cords for lighting equipment
- High voltage circuits
- Automation

PRODUCT ADVANTAGES

- Elastomer jacket for excellent mechanical strength
- Resistance to oils
- Highly flexible even in cold environments
- UV resistance

ELECTRICAL CHARACTERISTICS

- Nominal voltage (U⁰/U): 450/750 V
- Test voltage: 2500 V
- Short-circuit temperature: 200°C

MECHANICAL CHARACTERISTICS

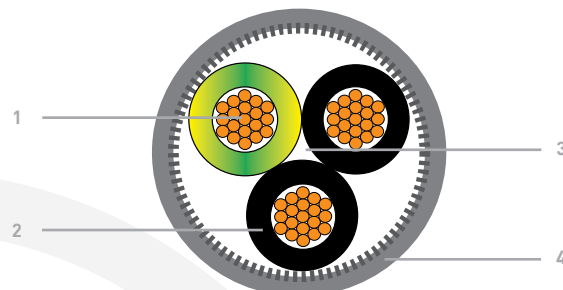
- Operating temperature: Fixed station: -40°C => +60°C
Mobile station: -25°C => +60°C
- Bend radius: static: 5 x Ø

STANDARDS

- HD 21.13
- GENELEC HD 22.1, HD 22.2, HD 22.4
- IEC 245-4
- NF C 32-102
- NF C 32-070 category C2/IEC 332-1

Part Nb	Nb of conductors	Section	Outer diameter min/max	Packaging
RNF 3G1.5	3	1.50 mm ²	9.20 / 11.90	50, 100, 500, 1000 m /custom length
RNF 3G2.5	3	2.50 mm ²	10.90 / 14.00	50, 100, 500, 1000 m / custom length
RNF 3G6	3	6.00 mm ²	14.10 / 18.00	500 m / custom length
RNF 5G1.5	5	1.50 mm ²	11.20 / 14.40	50, 100, 500, 1000 m / custom length
RNF 5G2.5	5	2.50 mm ²	13.30 / 17.00	50, 100, 500, 1000 m / custom length
RNF 5G6	5	6.00 mm ²	17.50 / 22.20	500 m / custom length
RNF 12G1.5	12	1.50 mm ²	17.60 / 22,4	Custom length
RNF 12G2.5	12	2.50 mm ²	20.60 / 26.20	Custom length
RNF 19G1.5	19	1.50 mm ²	21.00 / 27.00	Custom length
RNF 19G2.5	19	2.50 mm ²	25.00 / 31.00	Custom length

UNSHIELDED FLEXIBLE CONTROL CABLE: CAELIFLEX



CAELIFLEX

1. Core: Bare annealed copper Class 5
2. Conductor insulation: PVC
Identification of conductors: black numbered (+ G/Y from 3 conductors)
3. Assembly: Helicoidal in concentric layers
4. Jacket: Grey PVC

APPLICATION

- Power cords for lighting equipment
- High voltage circuits
- Automation

PRODUCT ADVANTAGES

- High flexibility
- Small outer diameter
- Excellent mechanical strength
- High resistance jacket
- Allows for easy connection thanks to number coding of conductors

ELECTRICAL CHARACTERISTICS

- Nominal voltage (U°/U): 300/500 V
- Test voltage: 2000 V
- Insulation resistance at 20°C: >20 MΩ.km

MECHANICAL CHARACTERISTICS

- Operating temperature: Fixed station: -30°C => +70°C
Mobile station: -5°C => +70°C
- Bend radius: Fixed station: 5 x Ø
Mobile station: 15 x Ø

STANDARDS

- Fire-resistance: IEC 60332-1 or NF C 32-070 Cat. C2

Part Nb	Nb of conductors	Section	Outer diameter	Weight per km	Packaging
103.0100	3	1.00 mm ²	8.00 mm	124 kg	Custom length
103.0150	3	1.50 mm ²	6.70 mm	84 kg	Custom length
103.0250	3	2.50 mm ²	8.20 mm	131 kg	Custom length
103.0600	3	6.00 mm ²	11.50 mm	282 kg	Custom length
105.0150	5	1.50 mm ²	8.20 mm	132 kg	Custom length
105.0250	5	2.50 mm ²	10.00 mm	205 kg	Custom length
105.0600	5	6.00 mm ²	14.30 mm	452 kg	Custom length
107.0100	7	1.00 mm ²	8.00 mm	124 kg	Custom length
107.0150	7	1.50 mm ²	8.90 mm	167 kg	Custom length
107.0250	7	2.50 mm ²	11.10 mm	268 kg	Custom length
112.0100	12	1.00 mm ²	10.50 mm	213 kg	Custom length
112.0150	12	1.50 mm ²	11.90 mm	294 kg	Custom length
112.0250	12	2.50 mm ²	14.80 mm	467 kg	Custom length
118.0100	18	1.00 mm ²	11.80 mm	290 kg	Custom length
118.0150	18	1.50 mm ²	14.40 mm	432 kg	Custom length
118.0250	18	2.50 mm ²	17.70 mm	685 kg	Custom length

Power Cables

REMOTE CONTROL CABLES : **SERIE 2XX0**



2xx0 SERIE

1. Core: bare copper
Diameter: 0.22 mm²
2. Shielding: Alu foil
3. Identification of conductors: according to HD 308 S2
4. Drain wire
5. Jacket: Special type EM2 elastomer, black

APPLICATIONS

- Remote control links

PRODUCT ADVANTAGES

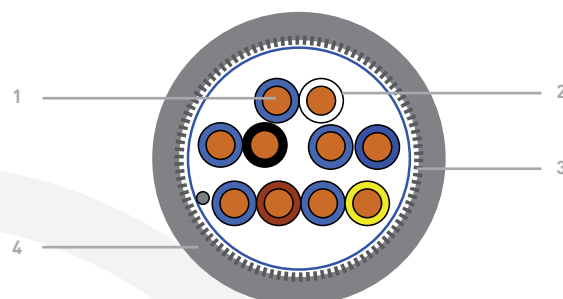
- Color coding of conductors.
- Shielding
- Excellent protection against static and electromagnetic interference

Part Nb	Nb of conductors	Section	Jacket	Outer diameter	Weight	Packaging
2040	4	0.22 mm ²	Black PVC	4.60 mm	20 kg / km	100 and 500 m
2060	6	0.22 mm ²	Black PVC	5.20 mm	40 kg / km	100 and 500 m
2080	8	0.22 mm ²	Black PVC	6.00 mm	60 kg / km	100 and 500 m
2100	10	0.22 mm ²	Black PVC	6.50 mm	70 kg / km	100 and 500 m
2120	12	0.22 mm ²	Black PVC	6.80 mm	110 kg / km	100 and 500 m
2160	16	0.22 mm ²	Black PVC	7.60 mm	120 kg / km	100 and 500 m
2200	20	0.22 mm ²	Black PVC	8.20 mm	140 kg / km	100 and 500 m
2250	25	0.22 mm ²	Black PVC	10.00 mm	150 kg / km	100 and 500 m

REMOTE CONTROL CABLES : **SERIE 2XX2E**



2XX2E SERIE



1. Core: bare copper
Cross section: 0.22 mm²
2. Conductor insulation: PVC
Colors coding of conductors: see table of colour codes
3. Shielding: Braid in bare copper, 100% coverage + aluminium tape, coverage of 100%
4. Jacket: Grey PVC

APPLICATIONS

- Transmission electronic, signaling and communication signals

PRODUCT ADVANTAGES

- Color coding of conductors.
- Very good protection against electromagnetic disturbance

ELECTRICAL CHARACTERISTICS

- Working voltage: U = 250 V maxi.
- Test voltage: 1500 V
- Electrical resistance: R = 85 Ω/km

MECHANICAL CHARACTERISTICS

- Minimum bending radius: 10 x Ø ext.
- Working temperature: - 20°C - > 85°C

STANDARDS

- Flame retardant: Category C2 according to NF C 32-070 / IEC 332-1 and EN 50265-2-1

# Conductor	Colours
1	White
2	Brown
3	Light green
4	Yellow
5	Grey
6	Pink
7	Dark blue
8	Red
9	Black

# Conductor	Colours
10	Violet
11	Orange
12	Light blue
13	Dark green
14	White / Blue
15	White / Violet
16	White / Red
17	White / Pink
18	White / Black

# Conductor	Colours
19	White / Brown
20	White / Green
21	White / Yellow
22	White / Grey
23	Yellow / Black
24	Yellow / Red
25	Yellow / Blue

Part Nb	Nb of conductors	Section	Jacket	Outer diameter	Weight	Packaging
2042E	4	0.22 mm ²	Grey PVC	4.80 mm	32 kg / km	Custom length
2062E	6	0.22 mm ²	Grey PVC	5.20 mm	43 kg / km	Custom length
2072E	7	0.22 mm ²	Grey PVC	5.50 mm	51 kg / km	Custom length
2082E	8	0.22 mm ²	Grey PVC	6.00 mm	58 kg / km	Custom length
2102E	10	0.22 mm ²	Grey PVC	6.40 mm	67 kg / km	Custom length
2122E	12	0.22 mm ²	Grey PVC	6.80 mm	74 kg / km	Custom length
2162E	16	0.22 mm ²	Grey PVC	7.60 mm	80 kg / km	Custom length
2202E	20	0.22 mm ²	Grey PVC	8.20 mm	120 kg / km	Custom length
2252E	25	0.22 mm ²	Grey PVC	9.50 mm	142 kg / km	Custom length

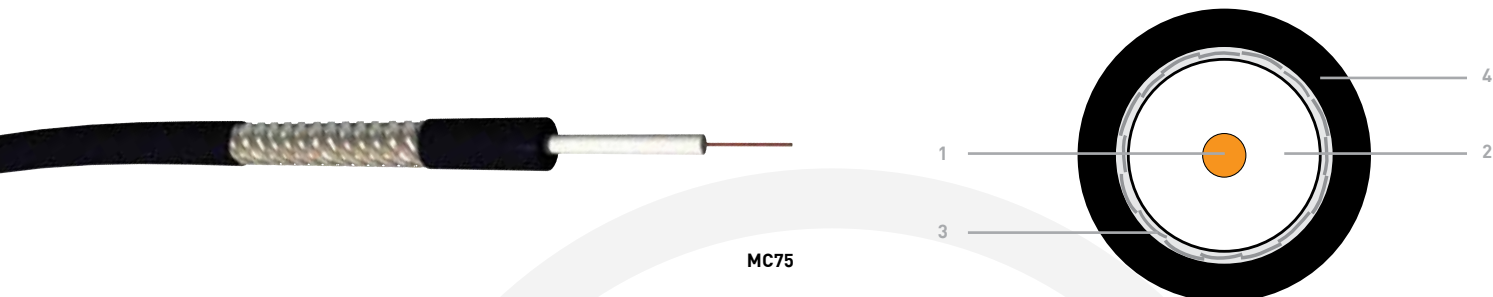
Video Cables





Video Cables

ANALOG VIDEO CABLES: MC75



1. Core: 1 x 0.35 mm²
2. Insulator: Cellular PE
3. Shielding: Tin plated copper braid
4. Jacket: Black PVC - ø 2.80 mm

APPLICATIONS

- Analog video links
- Video dispatching
- Internal wiring of racks, audio equipment and stage boxes

PRODUCT ADVANTAGES

- Small diameter.
- Compactness
- Excellent ease of use
- Allows for easy connection
- Available in cords – ON AIR PRO range

ELECTRICAL CHARACTERISTICS

- Impedance: 75 Ω± 3
- Capacitance: 57 pf / m
- Attenuation:

Frequency MHz	Nominal attenuation dB / 100 m
1	1.80
10	6.00
100	18.20

- Return Loss (dB) :

Frequency MHz	Return loss dB
30 - 300	>20
300 - 600	>20
600 - 900	>15

MECHANICAL CHARACTERISTICS

- Operating temperature: Fixed station: -30°C +70°C
Mobile station: -5°C +60°C
- Mini bend radius : 10 x Ø

SUITABLE PLUGS

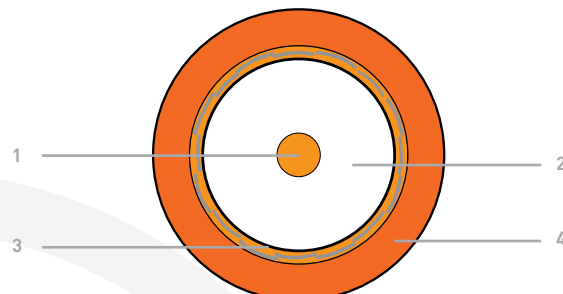
- BNC: Series DMC75x - NTBC75LIS- NTBB75CLIS
- Sleeve: M50BRx
- Crimping tool: PBNCs

Part Nb	Jacket	Outer diameter	Weight	Packaging
MC75	BLACK PVC	2.80 mm	13 kg / km	CUSTOM LENGTH

FIRE-RESISTANT VIDEO CABLES: **VF 75**



VF75



- 1. **Core:** Class 5
- 2. **Insulator:** silicon elastomer
- 3. **Shielding:** Bare copper braid
- 4. **Jacket:** Orange silicon elastomer - ø 14.50 mm

APPLICATIONS

- CCTV
- Monitoring of evacuation in buildings
- Surveillance of sensitive sites

PRODUCT ADVANTAGES

- Fixed installations.
- Great mechanical performance thanks to copperweld

ELECTRICAL CHARACTERISTICS

- Impedance: 75 Ω +/- 15
- Attenuation :

Frequency MHz	Nominal attenuation dB / 100 m
20	4.00
200	25.00

MECHANICAL CHARACTERISTICS

- Operating temperature: -60°C +180°C
- Mini bend radius: 40 mm

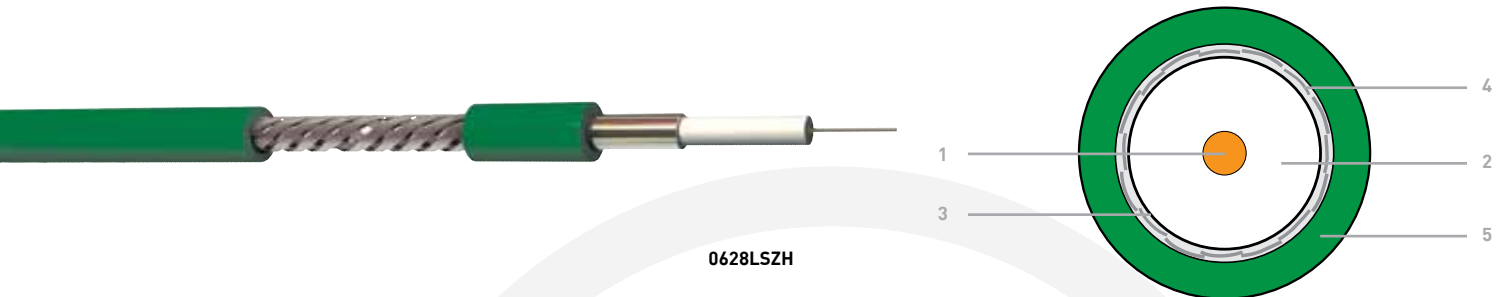
STANDARDS

- Fire-resistance: NFC 32-070
- Non-flame propagation: C2 according to NF C 32-070 test 2.1
- Halogen-free, low toxic or corrosive emission

Part Nb	Jacket	Outer diameter	Weight	Packaging
VF 75	Silicon elastomer – Orange	14.50 mm	120 kg / km	Custom length

Video Cables

DIGITAL VIDEO CABLES: 06.28 – 06.28 LSZH



0628LSZH

1. Area : 1 x 0.60 mm²
2. Insulator: Cellular PE
3. 1st shielding: Alu foil
4. 2nd shielding: Tin plated copper braid
4. Jacket: Green PVC of Green LSZH - ø 4.60 mm

APPLICATIONS

- Analog and digital video links.
- Video dispatching
- Monitor cabling
- Fixed installations, broadcast and TV

PRODUCT ADVANTAGES

- Small diameter.
- Double shielding with alu. foil + braid.
- Available in LSZH version for cabling in public buildings.

SUITABLE PLUGS

- BNC: D0628HQ - NBNC75BFG7
- Sleeve: M0628x
- Crimping tool: PBNC5

STANDARDS LSZH VERSION

- Flame retardant: IEC 60332-1
- Determination of content of halogenated acid gas: IEC 60754-1
- Determination of the acidity level of gasses: IEC 60754-2
- Smoke density: IEC 61034-1 and -2

ELECTRICAL CHARACTERISTICS

- Impedance: 75 Ω +/- 3
- Capacitance: 54 pF / m
- Attenuation:

Frequency MHz	Nominal attenuation dB / 100 m
1	1.10
10	3.40
100	10.50
1000	34.10
1500	40.80
3000	63.30

- Return Loss (dB):

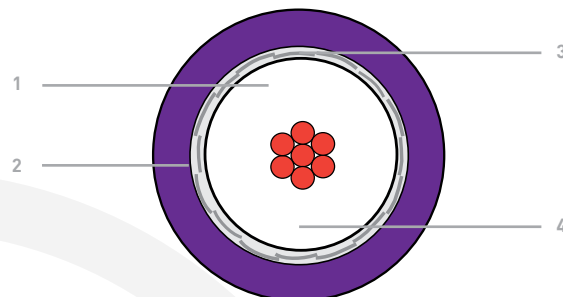
Frequency MHz	Return loss dB
50 - 300	> 26
300 - 1500	> 22

MECHANICAL CHARACTERISTICS

- Operating temperature: Fixed station: -20°C +70°C
Mobile station: -5°C +70°C
- Min. bend. Radius : 45 mm

Part Nb	Jacket	Outer diameter	Weight	Packaging
06.28	Green PVC	4.60 mm	26 kg / km	Custom length
06.28 LSZH	Green LSZH	4.60 mm	26 kg / km	Custom length

DIGITAL VIDEO CABLE: PW75



PW75

1. Composition of core: 1 x 0,60 mm Bare copper
2. Insulator type: Cellular PE
3. 1st shielding: Alu foil
4. 2nd shielding: Tin plated copper braid
5. Jacket: Purple PVC - ø 5.90 mm

APPLICATIONS

- Analog and digital video links
- Mobile applications and fixed installation
- Video dispatching
- Cords

PRODUCT ADVANTAGES

- Highly flexible and easy to wind thanks to ultra supple PVC jacket
- Compactness
- Allows for easy connection
- Available in cords version

SUITABLE PLUGS

- BNC: DVCB75HQ - NBNC75PNS9 – NBNC75BNP9
- Sleeve: M75Bx
- Crimping tool: PBNCS

ELECTRICAL CHARACTERISTICS

- Impedance: 75 Ω +/- 3
- Capacitance: 54 pF / m
- Attenuation:

Frequency MHz	Nominal attenuation dB / 100 m
10	3.30
100	10.50
1000	33.50
1500	45.00
3000	71.00

- Return Loss (dB):

Frequency MHz	Return Loss dB
30-600	> 20
600 – 900	> 15

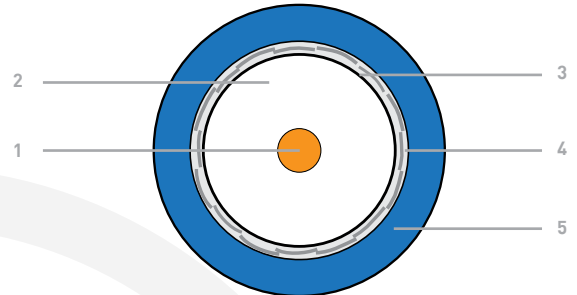
MECHANICAL CHARACTERISTICS

- Operating temperature: Fixed station: -10°C +80°C
Mobile station: -5°C +70°C
- Min. bend radius: 50 mm

Part Nb	Jacket	Outer diameter	Weight	Packaging
PW75	Purple PVC	5.90 mm	43 kg / km	Custom length

Video Cables

DIGITAL VIDEO CABLE: **VCB75**



VCB75

1. Core: 1 x 0.80 mm²
2. Insulator: Cellular PE
3. 1st shielding: Alu foil
4. 2nd shielding: Tin plated copper braid
4. Jacket: Blue PVC - ø 6.10 mm

APPLICATIONS

- Analog and digital video links
- Fixed installations, broadcast and TV
- Video surveillance

PRODUCT ADVANTAGES

- Compactness thanks to 6, 10 mm diameter
- Allows for easy connection
- Great performance
- Excellent protection against static and electromagnetic interference
- Available in cords – ON AIR PRO range

SUITABLE PLUGS

- BNC: Series DVCB75HQ - NBNC75PNS9 - NBNC75BNP9
- Sleeve: M75Bx
- Crimping tool: PBNC5

ELECTRICAL CHARACTERISTICS

- Impedance : 75 Ω +/- 3
- Capacitance : 54 pF / m
- Attenuation :

Frequency MHz	Nominal attenuation dB / 100 m
100	7.90
1000	26.00
1500	32.50
3000	47.10

- Return Loss (dB):

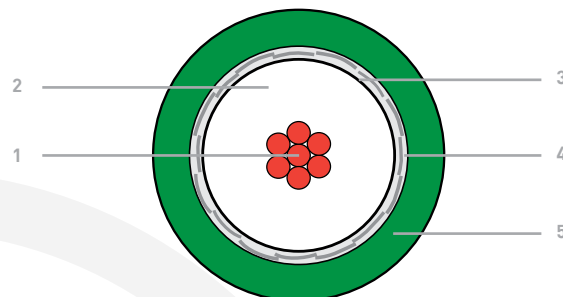
Frequency MHz	Return Loss dB
30-300	> 30
300-600	> 25
600-900	> 20

MECHANICAL CHARACTERISTICS

- Operating temperature: Fixed station: -10°C +80°C
Mobile station: -5°C +70°C
- Bend radius: Fixed station 5 x Ø
Mobile station: 10 x Ø

Part Nb	Jacket	Outer diameter	Weight	Packaging
VCB 75	Blue PVC	6.10 mm	40 kg / km	Custom length

DIGITAL VIDEO CABLE: **VCB100 - VCB100LSZH**



VCB100

1. Core: 7 x 0.40 mm² bare copper
2. Insulator: Cellular PE
3. 1st shielding: Alu foil
4. 2nd shielding: Tin plated copper braid
5. Jacket: Green PVC or Green LSZH - Ø 6.95 mm

APPLICATIONS

- Analog and digital video links
- Digital links over long distances (more than 500 m)
- Ideal for fixed as well as mobile applications
- Available in LSZH version for application in public places that need to comply with fire safety regulations.

PRODUCT ADVANTAGES

- High flexibility
- 100% shielding thanks to a dense tin plated copper braid and alu foil

SUITABLE PLUGS

- BNC: Series DVCB100x - NBNC75BXU13
- Sleeve: M100x
- Crimping tool: PBNCS

STANDARDS LSZH VERSION

- Flame retardant: IEC 60332-1
- Determination of content of halogenated acid gas: IEC 60754-1
- Determination of the acidity level of gasses: IEC 60754-2
- Smoke density: IEC 61034-1 and -2

ELECTRICAL CHARACTERISTICS

- Impedance: 75 Ω +/- 3
- Capacitance: 54 pF / m
- Attenuation:

Frequency MHz	Nominal attenuation dB / 100 m
100	6.50
1000	23.00
1500	26.00
3000	40.50

- Return Loss (dB):

Frequency MHz	Return loss dB
30 - 300	> 23
300 - 600	> 20
600 - 900	> 15

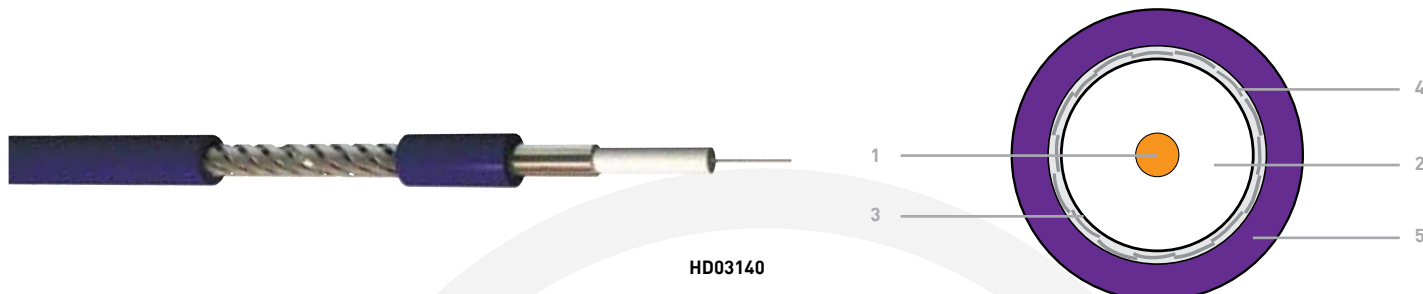
MECHANICAL CHARACTERISTICS

- Operating temperature: Fixed station: -15°C +80°C
Mobile station: -5°C +70°C
- Bend radius: Fixed station: 5 x Ø
Mobile station: 10 x Ø

Part Nb	Jacket	Outer diameter	Weight	Packaging
VCB100	Green PVC	6.95 mm	53 kg / km	Custom length
VCB100 LSZH	Green LSZH	6.95 mm	51 kg / km	Custom length

Video Cables

HDTV VIDEO CABLE: HD 03140



HD03140

1. Core: 1 x 0.31 mm² bare copper
2. Insulator: Physical cellular PE
3. 1st shielding: Alu foil
4. 2nd shielding: Tin plated copper braid
5. Jacket: Purple PVC - Ø 2.55 mm

APPLICATIONS

- Cable meets requirements of SMPTE 292M standard – 1.5 Gb/s
- Digital DHTV video link
- Video dispatching
- Monitor cabling
- Fixed installations, broadcast and TV

PRODUCT ADVANTAGES

- Small diameter.
- Double shielding with alu foil + braid

SUITABLE PLUGS

- BNC: Series DMC75HQ - NTBC75LIS - NTBB75CLIS
- Sleeve: M50BRx
- Crimping tool: PBNCC

ELECTRICAL CHARACTERISTICS

- Impedance: 75 Ω +/- 3
- Capacitance: 57 pF / m
- Attenuation:

Frequency MHz	Nominal attenuation dB / 100 m
100	22.60
1000	69.90
1500	86.30
3000	125.60

- Return Loss (dB):

Frequency MHz	Return loss dB
30 - 900	> 22
900 - 1500	> 15

MECHANICAL CHARACTERISTICS

- Operating temperature: Fixed station: -15°C +80°C
Mobile station: -5°C +70°C
- Bend radius: Fixed station: 5 x Ø
Mobile station: 10 x Ø

THEORETICAL LINK LENGTH

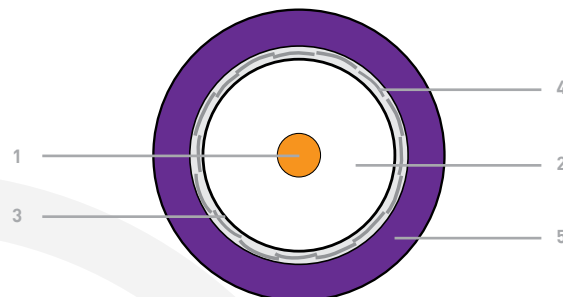
SMPTE 259M – SDI – 270 Mb/s	117 m
SMPTE 295 M – HDTV - 1.50 Gb/s	34 m
SMPTE 424M – HDTV - 3 Gb/s	23 m

Part Nb	Jacket	Outer diameter	Weight	Packaging
HD 03140	Purple PVC	2.55 mm	10 kg / km	Custom length

HDTV VIDEO CABLE: HD 0628LSZH



HD0628LSZH



1. Core: 1 x 0.60 mm² bare copper
2. Insulator: Physical cellular PE
3. 1st shielding: Alu foil
4. 2nd shielding: Tin plated copper braid
5. Jacket: Purple LSZH – Ø 4.60 mm

APPLICATIONS

- Cable meets requirements of SMPTE 292M standard – 1.5 Gb/s
- Digital HDTV video links
- Video dispatching
- Monitor cabling
- Fixed installations, broadcast and TV
- Available in LSZH version for application in public places that need to comply with fire safety regulations

PRODUCT ADVANTAGES

- Small diameter.
- Double shielding with alu foil + braid

SUITABLE PLUGS

- BNC: D0628HQ - NBNC 75BFG7
- Sleeve: M0628x
- Crimping tool: PBNC5

STANDARDS

- Flame retardant: IEC 60332-1

ELECTRICAL CHARACTERISTICS

- Impedance: 75 Ω +/- 3
- Capacitance: 56 +/- 2 pF / m
- Attenuation:

Frequency MHz	Nominal attenuation dB / 100 m
100	10.60
1000	34.30
1500	43.00
3000	62.30

- Return Loss (dB):

Fréquence MHz	Return loss dB
300 - 1500	> 22
1500 - 3000	> 18

MECHANICAL CHARACTERISTICS

- Operating temperature: Fixed station: -20°C +70°C
Mobile station: -5°C +70°C
- Bend radius: Fixed station: 8 x Ø

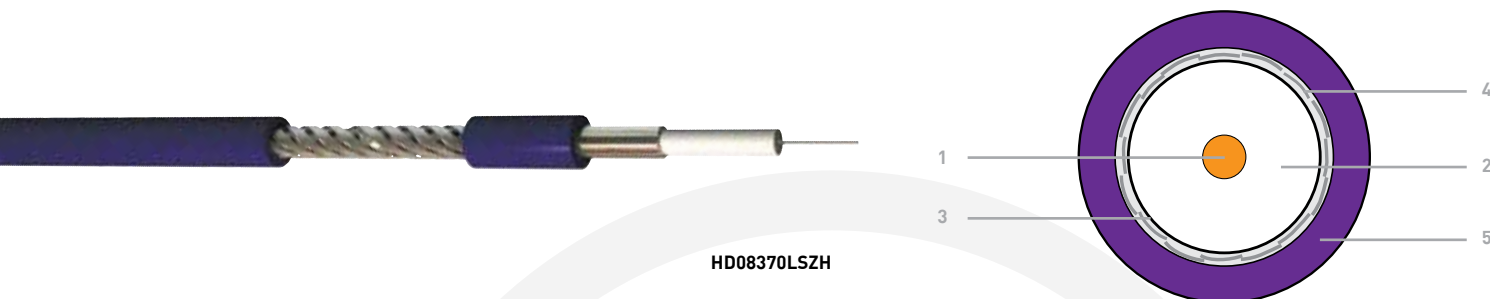
THEORETICAL LINK LENGTH

SMPTE 259M – SDI - 270 Mb/s	248 m
SMPTE 295 M – HDTV - 1.50 Gb/s	67 m
SMPTE 424M – HDTV - 3 Gb/s	47 m

Part Nb	Jacket	Outer diameter	Weight	Packaging
HD 06280 LSZH	Purple LSZH	4.60 mm	26.50 kg / km	Custom length

Video Cables

HDTV VIDEO CABLE: HD 08370LSZH



HD08370LSZH

1. Core: 1 x 0.80 mm² bare copper
2. Insulator: Physical cellular PE
3. 1st shielding: Alu foil
4. 2nd shielding: Tin plated copper braid
5. Jacket: Purple LSZH – Ø 6.00 mm

APPLICATIONS

- Cable meets requirements of SMPTE 292M standard – 1.5 Gb/s
- Digital HDTV video links
- Video dispatching
- Fixed installations, broadcast and TV

PRODUCT ADVANTAGES

- Compactness
- Allows for easy connection
- Great performance
- Excellent protection against static and electromagnetic interference

SUITABLE PLUGS

- BNC: DVCB75HQ – NBNC75BLP9 – NBNC75PLS09
- Sleeve: M75Bx
- Crimping tool: PBNCs

STANDARDS

- Flame retardant: IEC 60332-1
- Determination of content of halogenated acid gas: IEC 60754-1
- Determination of the acidity level of gasses: IEC 60754-2
- Smoke density: IEC 61034-1 AND -2

ELECTRICAL CHARACTERISTICS

- Impedance : 75 Ω +/- 3
- Capacitance : 54 +/- 2 pF / m
- Attenuation:

Frequency MHz	Nominal attenuation dB / 100 m
100	7.90
1000	26.00
1500	32.50
3000	47.10

- Return Loss (dB):

Frequency MHz	Return loss dB
30 - 300	> 30
300 - 900	> 21
900 - 3000	> 18

MECHANICAL CHARACTERISTICS

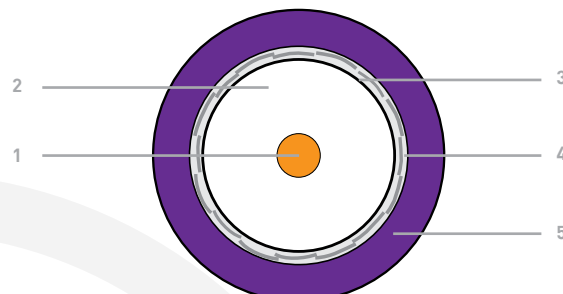
- Operating temperature: -20°C +70°C
- Min. Bend radius: 60 mm

THEORETICAL LINK LENGTH

SMPTE 259M – SDI - 270 Mb/s	361 m
SMPTE 295 M – HDTV - 1.50 Gb/s	91 m
SMPTE 424M – HDTV - 3 Gb/s	62 m

Part Nb	Jacket	Outer diameter	Weight	Packaging
HD 08370 LSZH	Purple LSZH	6.00 mm	37 kg / km	Custom length

HDTV VIDEO CABLE: HD 10460LSZH



HD10460LSZH

1. Core: 1 x 1.02mm² bare copper
2. Insulator: Physical cellular PE
3. 1st shielding: Alu foil
4. 2nd shielding: Tin plated copper braid
5. Jacket: Purple LSZH - Ø 6.95 mm

APPLICATIONS

- Cable meets requirements of SMPTE 292M standard – 1.5 Gb/s
- Digital HDTV video links
- Fixed installations, broadcast and TV

AVANTAGES

- Great performance
- Excellent protection against static and electromagnetic interference

SUITABLE PLUGS

- BNC: DVCB100HQ– NBNC75BTU11
- Sleeve: M100Bx
- Crimping tool: PBNC5

STANDARDS

- Flame retardant: IEC 60332-1
- Determination of content of halogenated acid gas: IEC 60754-1
- Determination of the acidity level of gasses: IEC 60754-2
- Smoke density: IEC 61034-1 and -2

ELECTRICAL CHARACTERISTICS

- Impedance : 75 Ω +/- 3
- Capacitance: 53 +/- 2 pF / m
- Attenuation:

Frequency MHz	Nominal attenuation dB / 100 m
100	6.00
1000	19.30
1500	24.00
3000	35.00

- Return Loss (dB):

Frequency MHz	Return loss dB
30 - 300	> 26
300 - 900	> 23
900 - 3000	> 21

MECHANICAL CHARACTERISTICS

- Operating temperature: -20°C +70°C
- Min. Bend radius: 60 mm

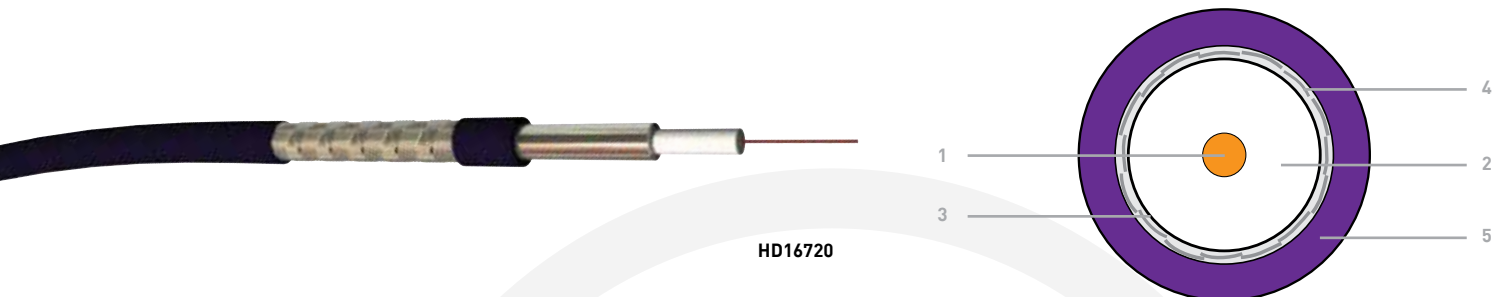
THEORETICAL LINK LENGTH

SMPTE 259M – SDI - 270 Mb/s	436 m
SMPTE 295 M – HDTV - 1.50 Gb/s	122 m
SMPTE 424M – HDTV - 3 Gb/s	83 m

Part Nb	Jacket	Outer diameter	Weight	Packaging
HD 10460 LSZH	Purple LSZH	6.95 mm	58 kg / km	Custom length

Video Cables

HDTV VIDEO CABLE: HD 16720



1. Core: 1 x 1.62mm² bare copper
2. Insulator: Cellular PE p
3. 1st shielding: Alu foil
4. 2nd shielding: Tin plated copper braid
5. Jacket: Purple PVC - Ø 10.10 mm

APPLICATIONS

- Digital HDTV video links.
- Fixed installations, broadcast and TV

PRODUCT ADVANTAGES

- Compactness
- Allows for easy connection
- Great performance.
- Excellent protection against static and electromagnetic interference

SUITABLE PLUGS

- BNC: NBLC75BVZ17
- Crimping tool: DIE R BNC Z

ELECTRICAL CHARACTERISTICS

- Impedance : 75 Ω +/- 3
- Capacitance: 52 +/- 2 pF / m
- Attenuation:

Frequency MHz	Nominal attenuation dB / 100 m
100	4.20
1000	14.10
1500	18.00
3000	26.90

- Return Loss (dB):

Frequency MHz	Return loss dB
30 - 300	> 26
300 - 900	> 23
900 - 3000	> 21

MECHANICAL CHARACTERISTICS

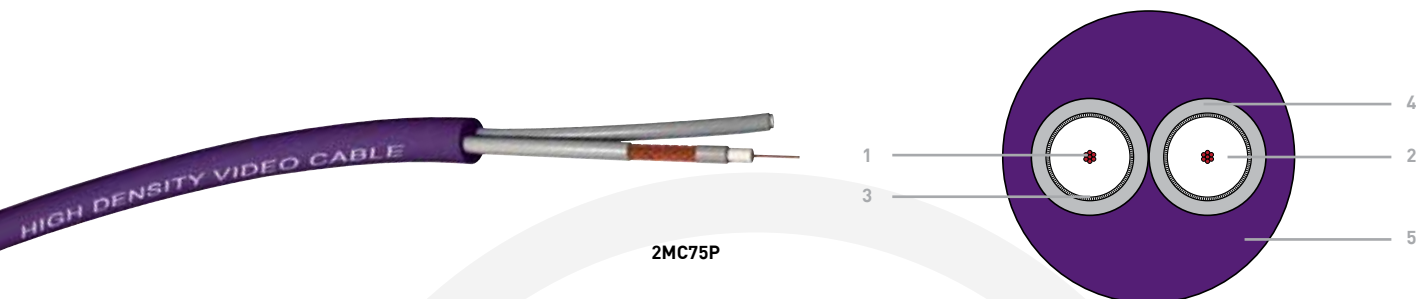
- Operating temperature: -20°C +70°C
- Min. Bend radius: 10 x Ø

THEORETICAL LINK LENGTH

SMPTE 259M – SDI - 270 Mb/s	622 m
SMPTE 295 M – HDTV - 1.50 Gb/s	167 m
SMPTE 424M – HDTV - 3 Gb/s	112 m

Part Nb	Jacket	Outer diameter	Weight	Packaging
HD 16720	Purple PVC	10.10 mm	114 kg / km	Custom length

S-VIDEO CABLE: 2MC75P



- 1. Core: 1 x 0.35 mm²
- 2. Insulator: Cellular PE
- 3. Shielding: Tin plated copper braid
- 4. Inner jacket: Grey PVC – Ø 2.90 mm
Identification of conductors: by numbered
- 5. Jacket: Purple PVC - Ø 7.50 mm

APPLICATIONS

- Transmission of video signals for S-Video systems
- Mobile applications and fixed installation
- Cords

PRODUCT ADVANTAGES

- Highly flexible and easy to wind thanks to ultra supple PVC jacket
- Number coding of coaxial cables
- Easy connection.
- Available in cords – ON AIR PRO range

SUITABLE PLUGS

- BNC: Series DMC75x
- Sleeve: M 50 BRx
- Crimping tool: PBNCC
- S.VHS: RO 300

ELECTRICAL CHARACTERISTICS

- Impedance: 75 Ω +/- 3
- Capacitance: 57 +/- 2 pF / m
- Attenuation:

Frequency MHz	Nominal attenuation dB / 100 m
1	1.80
10	6.00
100	18.20
1000	64.00

- Return Loss (dB):

Frequency MHz	Return loss dB
30 - 600	> 20
600 - 900	> 15

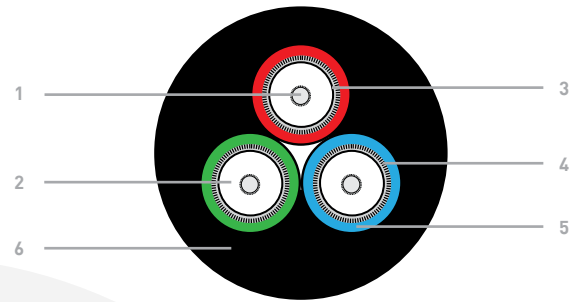
MECHANICAL CHARACTERISTICS

- Operating temperature: Fixed station: -30°C +70°C
Mobile station: -5°C +60°C
- Bend radius: Fixed station: 5 x Ø
Mobile station: 10 x Ø

Part Nb	No of coax.	Jacket	Outer diameter	Weight	Packaging
2 MC75P	2	Purple PVC	7.50 mm	57 kg / km	Custom length

Video Cables

YUV CABLES: MC03



1. Åme: 1 x 0.35 mm bare copper
2. Insulator: Cellular polyethylene
3. Shielding: tinner copper braid
4. Color coding of inner coaxial cables: Red, green, blue PVC – Ø 2.80 mm
5. Plenum jacket: Black PVC - Ø 8.40 mm

MC03

APPLICATIONS

- Cable for YUV or multi-channel composite video links
- Fixed and mobile applications.

SUITABLE PLUGS

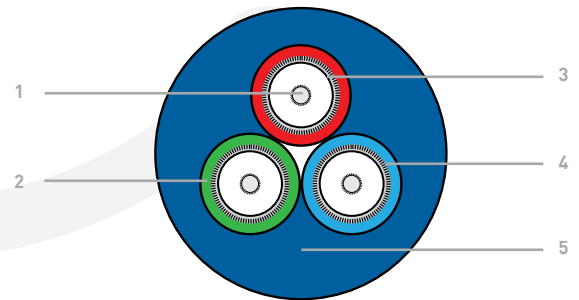
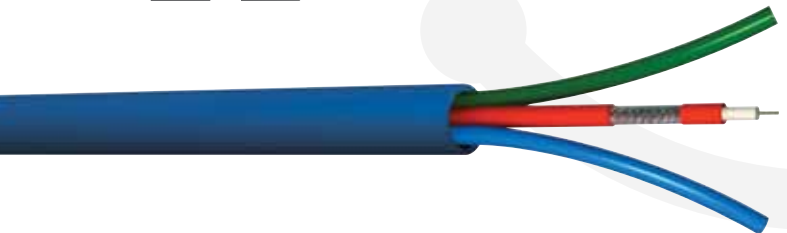
- BNC: Series DMC75x
- Sleeve: M 50 BRx
- Crimping tool: PBNCC

PRODUCT ADVANTAGES

- Small diameter, compactness and for easy connection

Part Nb	No of coax.	Jacket	Outer diameter	Weight	Packaging
MC03	3	Black PVC	8.40 mm	67 kg / km	Custom length

AV3HD



1. Åme: 7 x 0.12 mm tin plated copper
2. Insulator: Cellular PE
3. 1st shielding: Alu foil
4. 2nd shielding: Tinned copper braid
5. Color coding of inner coaxial cables: Red, green, blue PVC – Ø 2.80 mm
6. Plenum jacket: Blue PVC – Ø 8.20 mm

AV3HD

APPLICATIONS

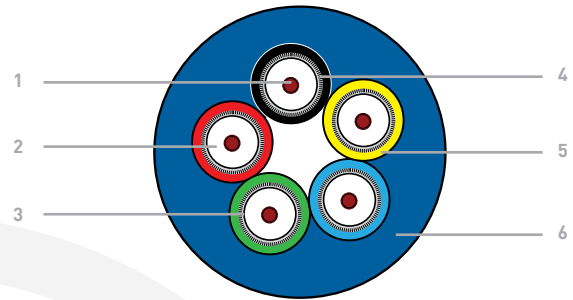
- Cable for YUV or multi-channel composite video links
- Mobile applications
- Cords

AVANTAGES

- Highly flexible
- Easy to wind and to wire
- Excellent mechanical strength
- Color coding of coaxial cables
- Available in cords – ON AIR PRO range

Part Nb	No of coax.	Jacket	Outer diameter	Weight	Packaging
AV3HD	3	Blue PVC	8.20 mm	75 kg / km	Custom length

VGA CABLES: AV5HD



AV5HD

1. Composition of core: 7 x 0.12 mm Tin plated copper
2. Insulator type: Cellular polyethylene
3. Shielding: Tinner copper braid
4. Outer diameter of inner coaxial cables: 2.80 mm
5. Color coding of coaxial cables: red, green, blue, white, black
5. Plenum jacket: Blue PVC - Ø 10.20 mm

APPLICATIONS

- Cable for VGA or multi-channel composite video links
- Mobile applications

PRODUCT ADVANTAGES

- Highly flexible
- Easy to wind and to wire
- Excellent mechanical strength
- Color coding of conductors
- Available in cords – ON AIR PRO range

SUITABLE PLUGS

- BNC: Series DMC75x
- Sleeve: M 50 BRx
- Crimping tool: PBNCC

ELECTRICAL CHARACTERISTICS

- Impedance: 75 Ω +/- 3
- Capacitance: 56 +/- 2 pF / m
- Attenuation:

Frequency MHz	Nominal attenuation dB / 100 m
5	4.30
10	6.20
100	21.60

- Return Loss (dB):

Frequency MHz	Return Loss dB
50 – 600	> 20
600 – 900	> 15

MECHANICAL CHARACTERISTICS

- Operating temperature: -20°C +70°C
- Bend radius: 5 x Ø

Part Nb	No of coax.	Jacket	Outer diameter	Weight	Packaging
AV5HD	5	Blue PVC	10.20 mm	110 kg / km	Custom length

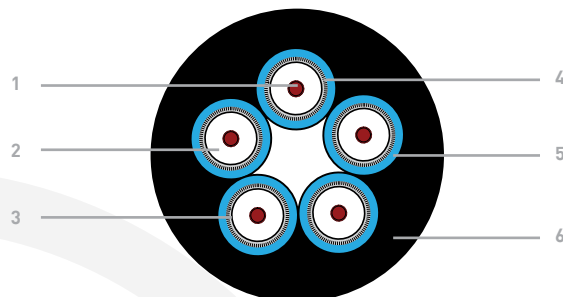
Video Cables

VGA CABLES: 5XVCB75 – 5XVCB100



1. Core
2. Insulator
3. 1st shielding
4. 2nd shielding
5. Jacket
6. Plenum jacket

5xVCB100



APPLICATIONS

- Cable for VGA or multi-channel composite video links
- Fixed and mobile applications
- All lengths

PRODUCT ADVANTAGES

- 5 x VCB 75: Fixed installation over distances longer than 40 m
- 5 x VCB 100: Fixed installations, mobile applications and very long distances (over 300 m)

TECHNICAL SPECIFICATIONS

ASSEMBLY

	5 x VCB75	5 x VCB100
composition of core	1 x 0.80 mm bare copper	7 x 0.40 mm bare copper
Insulator type	Cellular PE	Cellular PE
Shielding of coax	Alu foil + Tin plated copper braid	Alu foil + Tin plated copper braid
Outer diameter of coax	6.10 mm	6.95 mm
Identification of coax.	Numbered from 1 to 5	Numbered from 1 to 5

ELECTRICAL CHARACTERISTICS

	5 x VCB75	5 x VCB100
Impedance	75 Ohm	75 Ohm
Capacitance	54 pF / m	54 pF / m
Nominal attenuation dB / 100 m		
100 MHz	8.40	6.50
1000 MHz	28.30	23.00
1500 MHz	32.50	26.00
3000 MHz	47.10	40.50
Return loss		
30 – 300	> 26	> 23
300 – 600	> 23	> 20
600 - 900	> 20	> 15

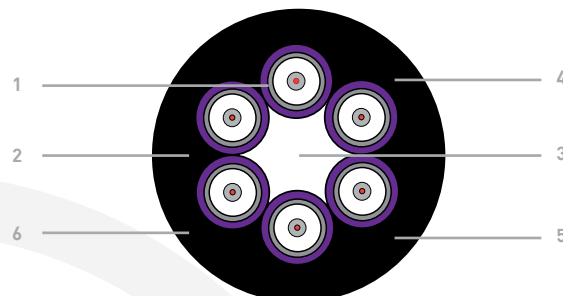
SUITABLE PLUGS

Part Nb	BNC	Sleeves	Crimp tool
5 x VCB75	DVCB75HQ – NBNC75PNS9 – NBNC75BNP9	M 75 Bx	PBNCS
5 x VCB100	DVCB100HQ – NBNC75BXU13	M 100 x	PBNCS

Part Nb	No of coax.	Jacket	Outer diameter	Weight	Packaging
5 x VCB75	5	Black PVC	18.60 mm	417 kg / km	Custom length
5 x VCB100	5	Black PVC	22.00 mm	520 kg / km	Custom length

DIGITAL VIDEO CABLES

5 X HD06.28LSZH - 6 X HD06.28LSZH - 8 X HD06.28 LSZH



6XHD0628LSZH

1. Core: 1 x 0.60 mm²
2. Insulator: Cellular PE
3. 1st shielding: Alu foil
4. 2nd shielding: Tin plated copper braid
5. Jacket: Purple LSZH – Identification of inner coaxial cables by number
6. Plenum jacket: Black PVC

APPLICATIONS

- Multi-coax HDTV video cables complying with SMPTE 292 M standard – 1.5 Gb/s
- Analog and digital video links
- Multi-channel video links
- Fixed installations, broadcast and TV.

PRODUCT ADVANTAGES

- Highly reliable over long distances.
- Flexibility
- Small outer diameter of cable

SUITABLE PLUGS

- BNC: D0628HQ - NBNC75BFG7
- Sleeve: M0628x
- Crimping tool: PBNCS

ELECTRICAL CHARACTERISTICS

- Impedance: 75 Ω +/- 3
- Capacitance: 56 pF / m
- Attenuation:

Frequency MHz	Nominal attenuation dB / 100 m
1	1.20
10	3.50
100	10.60
1000	34.30
1500	43.00
3000	62.30

- Return Loss (dB) :

Frequency MHz	Return loss dB
50 - 300	> 26
300 - 1500	> 22
1500 - 3000	> 18

MECHANICAL CHARACTERISTICS

- Operating temperature: -20°C +70°C
- Min. Bend radius: 10 x Ø

THEORETICAL LINK LENGTHS

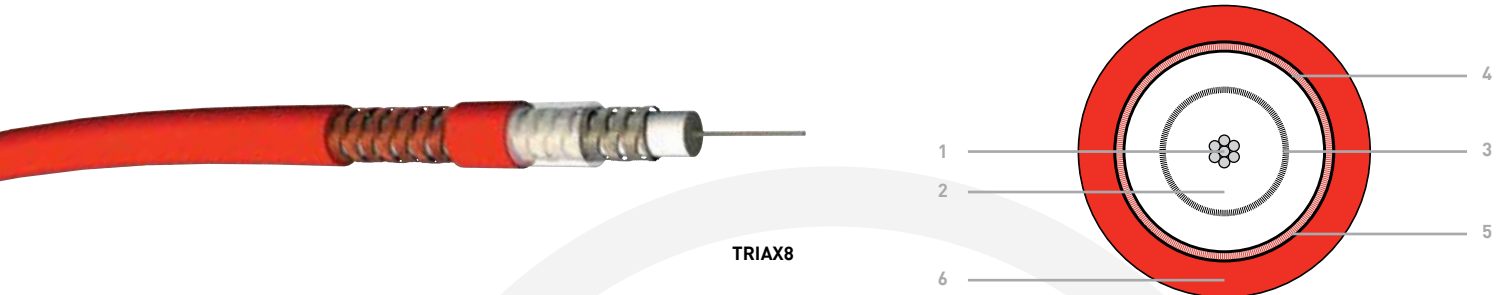
SMPTE 259M – SDI - 270 Mb/s	248 m
SMPTE 295 M – HDTV - 1.50 Gb/s	67 m
SMPTE 424M – HDTV - 3 Gb/s	47 m

Part Nb	No of coax.	Jacket	Outer diameter	Weight	Packaging
5 x HD06.28LSZH	5	Black PVC	15.20 mm	215 kg / km	Custom length
6 x HD06.28LSZH	6	Black PVC	16.80 mm	317 kg / km	Custom length
8 x HD06.28LSZH	8	Black PVC	18.50 mm	368 kg / km	Custom length

Video Cables

TRIAXIAL CABLES FOR PRODUCTION CAMERAS

TRIAX 8 - TRIAX 11 - TRIAX 14



TRIAX8

1. Core: TRIAX 8: 7 x 0.35 mm²
 TRIAX11: 19 x 0.25 mm²
 TRIAX 14: 50 x 0.28 mm²
2. Insulator: Cellular PE
3. 1st shielding: Tin plated copper braid
4. Intermediate jacket: Cellular PE
5. 2nd shielding: Bare copper braiding
6. Plenum jacket: Red TPE

APPLICATIONS

- Filming on television sets or outdoors.
- Transmission of video, remote control, power, IT and audio signals over a single cable.
- Ideal for cords and mobile links over small distances.

PRODUCT ADVANTAGES

- High flexibility thanks to TPE jacket
- Core and braid in silver-plated copper for better transmission properties
- Easy to wind
- Resistant to temperature variations

ELECTRICAL CHARACTERISTICS

- Impedance: 75 Ω +/- 3
- Capacitance : 54 +/- 2 pF / m
- Attenuation:

Frequency MHz	Nominal attenuation dB / 100 m	
	TRIAX 8	TRIAX 11
10	2.60	1.80
50	6.10	4.50
100	8.80	6.70

MECHANICAL CHARACTERISTICS

- Operating temperature: -25°C +60°C
- Min. bend radius: TRIAX 8: 60 mm
 TRIAX 11: 80 mm
 TRIAX 14: 100 mm

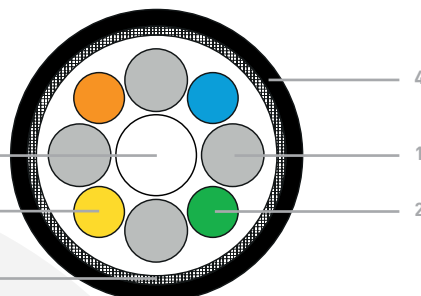
Part Nb	Jacket	Outer diameter	Weight	Packaging
TRIAX 8	TPE red	8.00 mm	105 kg / km	Custom length
TRIAX 11	TPE red	11.20 mm	160 kg / km	Custom length
TRIAX 14	TPE red	14.40 mm	250 kg / km	Custom length

TRIAxIAL CABLES FOR PRODUCTION CAMERAS

HYBRID HDTV CAMERA CABLE



HDFO



1. Auxiliary conductors: 4 x 0,60 mm²
Composition of core: tinned stranded copper wires
AWG: 20
Outside diameter: 1,00 mm
Colours coding of conductors: 2 x black, 2 x white
2. Signal conductors: 2 x 0,22 mm²
Composition of core: tinned stranded copper wires
AWG: 24
Outside diameter: 1,10 mm
Colours coding of conductors: red, grey

3. Fiber optic single Mode: 2 x 9/125μ
Diameter: 9.50 μm
Cladding Ø: 125 μm
Tight buffer: LSZH Ø 900 μm
Colours coding of fibers: blue, yellow
4. Strength member
Stranded steel wires: Ø 1,60 mm
HDPE insulation: Ø 2,40 mm
5. General shield: Tinned copper braid – coverage 90 %
6. Inner jacket: Black Polyurethane Ø 9,10 mm

APPLICATIONS

- Professional video production
- Transmission of video, audio, control and energy signals between camera units and end station TV
- Digital camera systems

PRODUCT ADVANTAGES

- Medium rodent protection.
- Medium water tightness

MECHANICAL CHARACTERISTICS

- Max. tensile strength: 1200 N
- Max. tensile strength during operation: 800 N
- Max. compressive strength: 2000 N
- Operating temperature: -40°C +70°C
- Min. Bend radius: 65 mm
- UV resistance

STANDARDS

- SMPTE 311M
- Flame resistance : IEC 60332-1, IEC 60754-1, IEC 61034

Part Nb	Construction	Jacket	Outer diameter	Weight	Packaging
HDFO	4 x 0.60 mm ² + 2 x 0.22 mm ² + 2 x 9/125μ	Black PUR – RAL 9005	9.20 mm	115 kg / km	1000 m

Audio/Video Connectors





Audio/Video Connectors

NEUTRIK CONNECTORS: XLR CONNECTORS

STRAIGHT CABLE PLUGS



NC3MX



NC3FX

	Nickel body - Silver contact	Black body - Silver contact	Black body - Gold contact
3 pins male	NC 3 MX	NC 3 MX BAG	NC 3 MX B
3 pins male - XX Series	NC 3 MXX	NC 3 MXX BAG	NC 3 MXX B
4 pins male	NC 4 MX	NC 4 MX BAG	NC 4 MX B
5 pins male	NC 5 MX	NC 5 MX BAG	NC 5 MX B
5 pins male - XX Series	NC 5 MXX	NC 5 MXXBAG	NC 5 MXXB
6 pins male	NC 6 MX	NC 6 MX BAG	NC 6 MX B
3 pins female	NC 3 FX	NC 3 FX BAG	NC 3 FX B
3 pins female - XX Series	NC 3 FXX	NC 3 FXX BAG	NC 3 FXX B
4 pins female	NC 4 FX	NC 4 FX BAG	NC 4 FX B
5 pins female	NC 5 FX	NC 5 FX BAG	NC 5 FX B
5 pins female - XX Series	NC 5 FXX	NC 5 FXX BAG	NC 5 FXX B
6 pins female	NC 6 FX	NC 6 FX BAG	NC 6 FX B

ANGLED CABLE PLUGS

Contacts	Nickel body	Black body
3 pins male	NC 3 MRC	NC 3 MRC BAG
4 pins male	NC 4 MRC	-
5 pins male	NC 5 MRC	-
6 pins male	NC 6 MRC	-
3 pins female	NC 3 FRC	NC 3 FRC BAG
4 pins female	NC 4 FRC	-
5 pins female	NC 5 FRC	-
6 pins female	NC 6 FRC	-

CONVERTCON CABLE PLUGS



Contact	Nickel body	Black body
3 pins male / female	NC 3 FM C	NC 3 FM CB

NC3FMCB

XLR SOCKETS



NC3FDL1

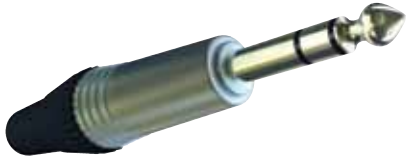


NC3MDL1

Contacts	nickel body - silver contact	black body - silver contact	black body - gold contact
3 pins male	NC3MDL1	NC3MDL1BAG	NC3MDL1B
4 pins male	NC 4 MDL 1	NC 4 MDL1 BAG	NC 4 MDL1 B
5 pins male	NC 5 MDL 1	NC 5 MDL1 BAG	NC 5 MDL1 B
6 pins male	NC 6 MDL 1	NC 6 MDL1 BAG	NC 6 MDL1 B
3 pins female	NC 3 FDL 1	NC 3 FDL1 BAG	NC 3 FDL1 B
4 pins female	NC 4 FDL 1	NC 4 FDL1 BAG	NC 4 FDL1 B
5 pins female	NC 5 FDL 1	NC 5 FDL1 BAG	NC 5 FDL1 B
6 pins female	NC 6 FDL 1	NC 6 FDL1 BAG	NC 6 FDL1 B

NEUTRIK CONNECTORS: JACK PLUG CONNECTORS

MALE JACK CONNECTORS



NP3C

	Nickel body	Black body
Mono – 6.35 mm	NP 2 C	NP 2 C BAG
Mono – 6.35 mm - XX Series	NP 2 X	NP 2 X BAG
Stereo – 6.35 mm	NP 3 C	NP 3 C BAG
Stereo – 6.35 mm - XX Series	NP 3 X	NP 3 X BAG

ANGLED JACKS CONNECTORS



NP3RCS

	Part Nb
Mono – 6.35 mm	NP 2 RCS
Stereo – 6.35 mm	NP 3 RCS

FEMALE JACK CONNECTORS

	Nickel body	Black body
Stereo – 6.35 mm	NJ 3 FC 6	NJ 3 FC 6 BAG

TT-PHONE / B-GAUGE



NP3TTPR

	Red body	Black body
TT-Phone jack male	NP 3 TT PR	NP 3 TT PB
B-Gauge male	NP 3 TB R	NP 3 TB N

FEMALE SOCKETS



NJ3FP6C

	Nickel body	Black body
Stereo – 6.35 mm	NJ 3 FP 6 C	NJ 3 FP 6 C BAG

RINGS AND CAPS FOR COLOR CODING

	Colours	Part Nb
Rings for jack plugs	Brown, red, orange, yellow, green, blue, purple, grey, white, black	PCR x
Caps for jack plugs	Brown, red, orange, yellow, green, blue, purple, grey, white, black	BSP x

Audio/Video Connectors

NEUTRIK CONNECTORS: SPEAKON CONNECTORS

CABLE PLUGS



NL4FX

	Part Nb
2 pins female	NL 2 FC
4 pins female	NL 4 FX
4 pins female – angled body	NL 4 FRX
8 pins female	NL 8 FC

SOCKETS



NL4MP

	Black body – D series	Black body - G series	Nickel body - G series
2 pins male	NL 2 MP	-	-
4 pins male	NL 4 MP	NL 4 MPR	NLT 4 MP
8 pins male	-	NL 8 MPR	NLT 8 MP

ADAPTERS



NL8MM

	Black body – D series
Speakon plug 4 pins / female mono jack 6.35 mm	NL 4 LJX
Adapter male / male 4 pins	NL 4 MMX
Adapter male / male 8 pins	NL 8 MM

POWERCON CONNECTORS



NAC3FCA

Power In	Part Nb
Socket – type A	NAC3MPA-1
Cable plug – type A	NAC3FCA

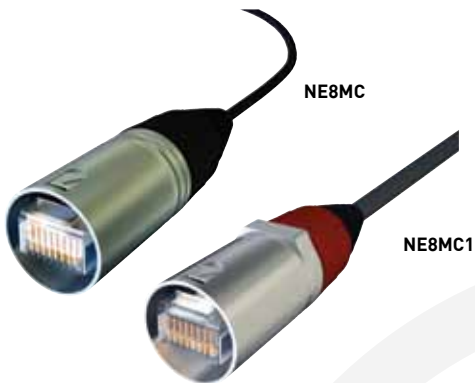


NAC3FCB

Power In	Part Nb
Socket – type B	NAC3MPB-1
Cable plug – type B	NAC3FCB

NEUTRIK CONNECTORS: ETHERCON DATA CONNECTORS FOR RJ45 LINKS

CABLE PLUGS



	Nickel body	Black body
Cap for mounted cord	NE 8 MC	NE 8 MCB
Cap for mounting cord	NE 8 MC1	NE 8 MCB1

SPEAKON CONNECTORS

SOCKETS

	Nickel body	Black body
RJ45 socket - Cat 5 – PCB vertical	NE 8 FDV	NE 8 FDV B
RJ45 socket - Cat 5 – with clip	NE 8 FDV YK	NE 8 FDV YKB
RJ45 socket - Cat 6 – with clip	NE 8 FDY C6	NE 8 FDY C6

ADAPTERS

	Nickel body
RJ45 / RJ45 connection	NE 8 FF

USB CONNECTORS: SOCKETS



	Nickel body	Black body
USB A – USB B socket – D Series	NAUSB W	NAUSB W B

HDMI CONNECTORS: SOCKETS

	Nickel body
HDMI 1.3 socket – D Series	NAHDMI W

Audio/Video Connectors

NEUTRIK CONNECTORS: BNC

BNC CABLE PLUGS



NBTC75BLI5

	Cable	Part Nb
Crimp male BNC	MC75	NBTC75BLI5
Crimp male BNC	MC 75.39	NBTC 75 BVX 6
Crimp male BNC	PW 75	NBNC 75 BNP 9
Crimp male BNC	VCB 75	NBNC 75 BNP 9
Crimp male BNC	VCB 100	NBNC 75 BXU 13
Crimp male BNC	HD 03140	NBTC 75 BFI 4
Crimp male BNC	HD 06280 LSZH	NBNC 75 BFG 7
Crimp male BNC	HD 08370 LSZH	NBNC 75 BLP 9
Crimp male BNC	HD 10460 LSZH	NBNC 75 BTU 11
Crimp male BNC	HD 16720	NBNC 75 BVZ 17

BNC CRIMPING TOOLS

Cable	Part Nb
MC 75 – 06.28 – HD 06.28 LSZH – VCB 75 – HD 08370 LSZH	DIE R BNC PDC
MC 75.39	DIE R BNC PG
VCB 100	DIE R BNC PU
HD 16720	DIE R BNC Z

BNC SOCKETS

	Nickel body	Black body
D Series socket with isolated BNC F/F feed-through	NBB 75 DFI	NBB 75 DFIB
D Series socket with BNC F/F feed-through	NBB 75 DFG	NBB 75 DFGB
BNC female socket for soldering – D Series	NBB 75 DSG	NBB 75 DSGB

RINGS AND CAPS FOR COLOR CODING

	Colours	Part Nb
Caps for BNC	Brown, red, orange, yellow, green, blue, purple, grey, white, black	BST BNC x

AUDIO & VIDEO ADAPTERS

XLR/XLR ADAPTERS



NA3MM

	Brand	Part Nb
Male XLR / Male XLR	NEUTRIK	NA 3 MM
Female XLR / Female XLR	NEUTRIK	NA 3 FF
Male XLR / Female XLR	NEUTRIK	NA 3 FM

XLR / JACK ADAPTERS



FCFM6



A3MM6M



NA3MJ

	Brand	Part Nb
Female XLR / Male mono jack 6.35 mm	S2CEB	FCFM6
Female XLR / Male stereo jack 6.35 mm	NEUTRIK	NA 3 FP
Female XLR / Female stereo jack 6.35 mm	NEUTRIK	NA 3 FJ
Female XLR / Female stereo jack 6.35 mm	S2CEB	FCF F6
Female XLR / Male mono jack 6.35 mm	S2CEB	A3F M6M
Female XLR / Male stereo jack 6.35 mm	S2CEB	A3F M6S
Male XLR / Male mono jack 6.35 mm	S2CEB	A3M M6M
Male XLR / Male mono jack 6.35 mm	NEUTRIK	NA 3 MP
Male XLR / Female stereo jack 6.35 mm	NEUTRIK	NA 3 MJ
Male XLR / Female stereo jack 6.35 mm	S2CEB	FCM F6

XLR / RCA ADAPTERS



NA2FPMF

	Brand	Part Nb
Female XLR / Male RCA	S2CEB	A3F CM
Female XLR / Male RCA	NEUTRIK	NA 2 FPMF
Female XLR / Female RCA	NEUTRIK	NA 2 FPMF
Female XLR / Female RCA	S2CEB	A3F CF
Male XLR / Female RCA	S2CEB	A3M CF
Male XLR / Female RCA	NEUTRIK	NA 2 MPMM
Male XLR / Male RCA	NEUTRIK	NA 2 MPMF

XLR / BNC ADAPTERS

	Brand	Part Nb
Female XLR / Female BNC 75 Ohm	NEUTRIK	NA 2 FBNC
Male XLR / Female BNC 75 Ohm	NEUTRIK	NA 2 MBNC

Audio/Video Connectors

AUDIO & VIDEO ADAPTERS

JACK / JACK



M6MF3



M6SF3S

	Brand	Part Nb
Mono jack 6.35 mm – male / female	S2CEB	M6M F3
Male stereo jack 6.35 mm / Female stereo jack 3.50 mm	S2CEB	M6SF3S
Male stereo jack 3.50 mm / Female stereo jack 6.35 mm	S2CEB	F6S M3S
Male stereo jack 3.50 mm / 2 x Female stereo jacks 3.50 mm	S2CEB	M3S 2F3S
Male stereo jack 3.50 mm / 2 x Female stereo jacks 6.35 mm	S2CEB	M3S 2F6S
Male stereo jack 6.35 mm / 2 x Female stereo jacks 3.50 mm	S2CEB	M6S 2F3S
Male stereo jack 6.35 mm / 2 x Female stereo jacks 6.35 mm	S2CEB	M6S 2F6S
Female stereo jack 3.50 mm / Female stereo jack 6.35 mm	S2CEB	F3S F6S
Female stereo jack 3.50 mm / Female stereo jack 3.50 mm	S2CEB	F3S F3S
Female stereo jack 6.35 mm / Female stereo jack 6.35 mm	S2CEB	F6S F6S

JACK / CINCH



RCAFM6M

	Brand	Part Nb
Female RCA / Male mono jack 6.35 mm	S2CEB	RCAF M6M
Male cinch / Female mono jack 6.35 mm	S2CEB	RCAF F6M
2 Female cinch/ Male stereo jack 6.35 mm	S2CEB	2RCAF M6S

CINCH / CINCH



NC1525

	Brand	Part Nb
Female cinch / Female cinch	S2CEB	NC 1525

AUDIO & VIDEO ADAPTERS

CINCH / BNC



NC1523



NC1524

	Marque	Référence
Female cinch / Male BNC 75 Ω	S2CEB	NC 1523
Male cinch / Female BNC 75 Ω	S2CEB	NC 1524

DMX



NA3F5M

	Brand	Part Nb
Female XLR 3 pins / Male XLR 5 pins	NEUTRIK	NA 3F 5M
Male XLR 3 pins / Female XLR 5 pins	NEUTRIK	NA 3M 5F

AES / EBU DIGITAL CONVERTERS



NADITBNCM



NADITBNCFX

	Brand	Part Nb
Female XLR socket 110 Ω / Female BNC socket 75 Ω	NEUTRIK	NADIT BNC F
Male XLR socket 110 Ω / Female BNC socket 75 Ω	NEUTRIK	NADIT BNC M
Female XLR cable plug 110 Ω / Female BNC socket 75 Ω	NEUTRIK	NADIT BNC FX
Male XLR cable plug 110 Ω / Female BNC socket 75 Ω	NEUTRIK	NADIT BNC MX

Audio/Video Connectors

ADAPTERS

VGA



AVGAMM

	Brand	Part Nb
Female VGA / Female VGA	S2CEB	AVGA MM
Male VGA / Male VGA	S2CEB	AVGA FF

VGA / BNC



ABVGA5B

	Brand	Part Nb
Male VGA / 5 x Female BNC	S2CEB	ABVGA 5 B

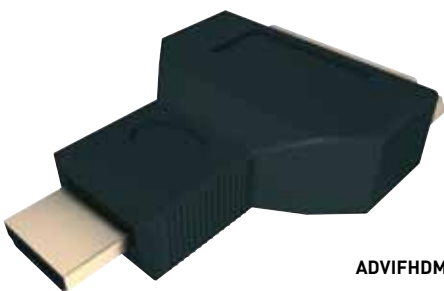
DVI / VGA



ADVIFMD15M

	Brand	Part Nb
Male DVI / Female VGA	S2CEB	ADVIMHD15F
Female DVI / Male VGA	S2CEB	ADVIFHD15M

DVI / HDMI



ADVIFHDMIM

	Brand	Part Nb
Female DVI D / Male HDMI	S2CEB	ADVIFHDMIM

DVI / DVI

Désignation	Marque	Référence
Female / Female DVI I	S2CEB	ADVIFF

STANDARD RANGE

XLR CONNECTORS



XM3



XF3



XM3N



XF3N

Brand S2CEB	Part Nb Nickel body	Packaging	Part Nb Black body	Packaging
Male XLR 3 pins	XM 3	4 units	XM 3 N	4 units
Female XLR 3 pins	XF 3	4 units	XF 3 N	4 units

MONO JACKS



RJ19



RJ26



RJ19M



RJ26M

Brand S2CEB	Part Nb Plastic body	Packaging	Part Nb Metal body	Packaging
Male mono jack – 3.50 mm	RJ 19	20 units	RJ 19 M	20 units
Male mono jack – 6.35 mm	RJ 26	20 units	RJ 26 M	4 units

STEREO JACKS



RJ45



RJ27



RJ45M



RJ27H

Brand S2CEB	Part Nb Plastic body	Packaging	Part Nb Metal body	Packaging
Male stereo jack – 3.50 mm	RJ 45	20 units	RJ 45 M	20 units
Male stereo jack – 6.35 mm	RJ 27	20 units	RJ 27 M	4 units

Audio/Video Connectors

STANDARD RANGE

HIGH QUALITY JACK PLUGS



JNM



JNS



JNBM



JNBS

Brand S2CEB	Part Nb Nickel body	Packaging	Part Nb Black body	Packaging
Mono metal jack – 6.35 mm	JNM	4 units	JNBM	4 units
Stereo metal jack – 6.35 mm	JNS	4 units	JNBS	4 units

PLASTIC CINCH CONNECTORS



RZ07R



RZ07BL



RZ61R



RZ61BL

Brand S2CEB	Part Nb Plastic body red	Packaging	Part Nb Plastic body white	Packaging
Male cinch	RZ 07 R	20 units	RZ 07 BL	20 units
Female cinch	RZ 61 R	20 units	RZ 61 BL	20 units

METAL CINCH CONNECTORS



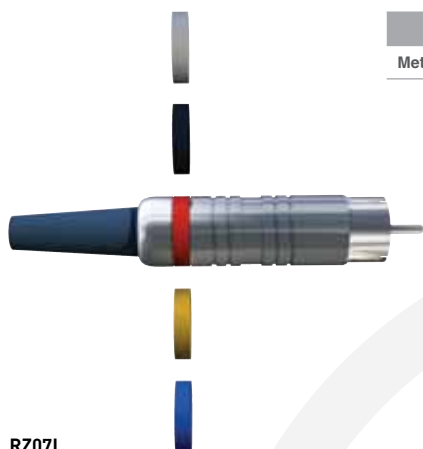
RCAM



Brand S2CEB	Part Nb Metal body red ring	Packaging	Part Nb Metal body white ring	Packaging
Male cinch	RCAM DR	4 units	RCAM DB	4 units
Female cinch	RCAF DR	4 units	RCAF DB	4 units

INSTALLATION AND HIGH QUALITY RANGES

CINCH INSTALLATION CONNECTOR



RZ071

	Part Nb - Nickel body	Packaging
Metal male cinch with rings: black, red, white, yellow, blue	RZ 07 I	1 unit

HIGH QUALITY METAL CINCH CONNECTORS



RCAMOR

	Metal body red ring	Packaging	Metal body white ring	Packaging
Male cinch – Gold contact	RCAM OR	4 units	RCAM OB	4 units
Female cinch – Gold contact	RCAF OR	4 units	RCAF OB	4 units



RCAMOB

CINCH MOUNTING SOCKETS

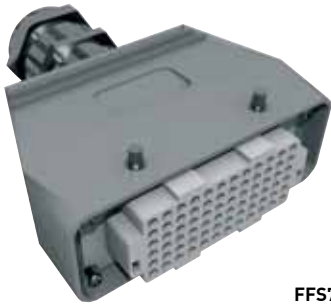


	Part Nb - Plastic body	Packaging
Female cinch mounting socket – white	RZ 61 CB	1 unit
Female cinch mounting socket – red	RZ 61 CR	1 unit
Female cinch mounting socket –yellow	RZ 61 CJ	1 unit

Audio/Video Connectors

RECTANGULAR MULTI-PIN CONNECTORS

FEMALE CABLE PLUGS WITH SPIGOT CAPS



FFS72

	Part Nb	Packaging
Female cable plug 40 pins	FFS 40	1 unit
Female cable plug 64 pins	FFS 64	1 unit
Female cable plug 72 pins	FFS 72	1 unit
Female cable plug 108 pins	FFS 108	1 unit

FEMALE CABLE PLUGS WITH LOCKING TABS



EFS72

	Part Nb	Packaging
Female socket 40 pins	EFS 40	1 unit
Female socket 64 pins	EFS 64	1 unit
Female socket 72 pins	EFS 72	1 unit
Female socket 108 pins	EFS 108	1 unit

FEMALE SOCKETS WITH SPIGOT CAPS

	Part Nb	Packaging
Female socket 40 pins	EFES 40	1 unit
Female socket 64 pins	EFES 64	1 unit
Female socket 72 pins	EFES 72	1 unit
Female socket 108 pins	EFES 108	1 unit

FEMALE EXTENDERS WITH CAP WITH LOCKING TABS



PFS72

	Part Nb	Packaging
Female extender 40 pins	PFS 40	1 unit
Female extender 64 pins	PFS 64	1 unit
Female extender 72 pins	PFS 72	1 unit
Female extender 108 pins	PFS 108	1 unit

RECTANGULAR MULTI-PIN CONNECTORS

MALE CABLE PLUGS WITH SPIGOT CAPS



FMS72

	Part Nb	Packaging
Male cable plug 40 pins	FMS 40	1 unit
Male cable plug 64 pins	FMS 64	1 unit
Male cable plug 72 pins	FMS 72	1 unit
Male cable plug 108 pins	FMS 108	1 unit

MALE SOCKETS WITH CAP WITH LOCKING TABS



EMS72

	Part Nb	Packaging
Male socket 40 pins	EMS 40	1 unit
Male socket 64 pins	EMS 64	1 unit
Male socket 72 pins	EMS 72	1 unit
Male socket 108 pins	EMS 108	1 unit

MALE SOCKETS WITH SPIGOT CAP

	Part Nb	Packaging
Male socket 40 pins	EMES 40	1 unit
Male socket 64 pins	EMES 64	1 unit
Male socket 72 pins	EMES 72	1 unit
Male socket 108 pins	EMES 108	1 unit

MALE EXTENDERS WITH CAP WITH LOCKING TABS



PMS72

	Part Nb	Packaging
Male extender 40 pins	PMS 40	1 unit
Male extender 64 pins	PMS 64	1 unit
Male extender 72 pins	PMS 72	1 unit
Male extender 108 pins	PMS 108	1 unit

Audio/Video Connectors

ROUND MULTI-PIN CONNECTORS



25 PINS CABLE PLUGS FOR 8 CHANNELS

	Part Nb	Packaging
Female cable plug 25 pins with locking ring + PG 16 + female contacts (1-1.50 mm ²)	CFF 25	1 unit
Male cable plug 25 pins with locking ring + PG 16 + male contacts (1-1.50 mm ²)	CFM 25	1 unit

37 PINS CABLE PLUGS FOR 12 CHANNELS

	Part Nb	Packaging
Female cable plug 37 pins with locking ring + PG21 + female contacts (1-1.50 mm ²)	CFF 37	1 unit
Male cable plug 37 pins with locking ring + PG21 + male contacts (1-1.50 mm ²)	CFM 37	1 unit

54 PINS CABLE PLUGS FOR 16 CHANNELS

	Part Nb	Packaging
Female cable plug 54 pins with locking ring + PG21 + female contacts (1-1.50 mm ²)	CFF 54	1 unit
Male cable plug 54 pins with locking ring + PG21 + male contacts (1-1.50 mm ²)	CFM 54	1 unit

85 PINS CABLE PLUGS FOR 24 CHANNELS

	Part Nb	Packaging
Female cable plug 85 pins with locking ring + PG29 + female contacts (1-1.50 mm ²)	CFF 85	1 unit
Male cable plug 85 pins with locking ring + PG29 + male contacts (1-1.50 mm ²)	CFM 85	1 unit

150 PINS CABLE PLUGS FOR 48 CHANNELS

	Part Nb	Packaging
Female cable plug 150 pins with locking ring + PG36 + female contacts (1-1.50 mm ²)	CFF 150	1 unit
Male cable plug 150 pins with locking ring + PG36 + male contacts (1-1.50 mm ²)	CFM 150	1 unit

ROUND MULTI-PIN CONNECTORS

25 PINS SOCKETS FOR 8 CHANNELS

	Part Nb	Packaging
Female socket 25 pins with locking ring + female contacts (1-1.50 mm ²)	CEF 25	1 unit
Male socket 25 pins with locking ring + male contacts (1-1.50 mm ²)	CEM 25	1 unit

37 PINS SOCKETS FOR 12 CHANNELS

	Part Nb	Packaging
Female socket 37 pins with locking ring + female contacts (1-1.50 mm ²)	CEF 37	1 unit
Male socket 37 pins with locking ring + male contacts (1-1.50 mm ²)	CEM 37	1 unit

54 PINS SOCKETS FOR 16 CHANNELS

	Part Nb	Packaging
Female socket 54 pins with locking ring + female contacts (1-1.50 mm ²)	CEF 54	1 unit
Male socket 54 pins with locking ring + male contacts (1-1.50 mm ²)	CEM 54	1 unit

85 PINS SOCKETS FOR 24 CHANNELS

	Part Nb	Packaging
Female socket 85 pins with locking ring + female contacts (1-1.50 mm ²)	CEF 85	1 unit
Male socket 85 pins with locking ring + male contacts (1-1.50 mm ²)	CEM 85	1 unit

150 PINS SOCKETS FOR 48 CHANNELS

	Part Nb	Packaging
Female socket 150 pins with locking ring + female contacts (1-1.50 mm ²)	CEF 150	1 unit
Male socket 150 pins with locking ring + male contacts (1-1.50 mm ²)	CEM 150	1 unit

TOOLS

	Part Nb	Packaging
Crimp tool	PPC	1 unit
Positioning turret for cable plugs and sockets with 25 / 37 / 54 and 85 pins	TOUR	1 unit
Positioning turret for cable plugs and sockets with 150 pins	TOUR150	1 unit
Pin insertion tool	INST	1 unit
Pin extraction tool	EXT	1 unit

Audio/Video Connectors

RJ45 CONNECTORS

RJ45 CAT5e AND CAT 6 PLUGS – FLEXIBLE CABLES



MMCRJ45UC5UNIV



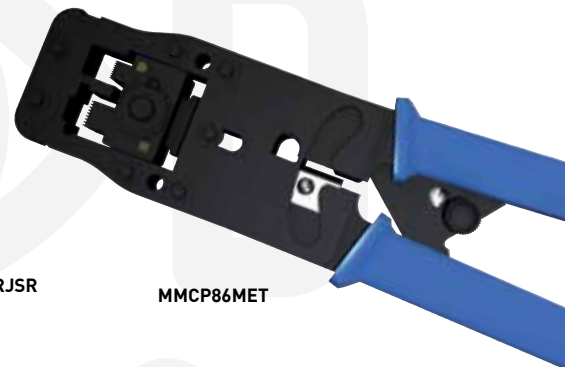
MMCRJ45SC6SI

Part Nb	Product description	Category	Inserts	Cables	Packaging
MMCRJP8BLMER	RJ45 shielded plug – 9 pins	5e	Standard	Stranded	100 and 1000 units
MMCRJ45 SC5 UNIV	RJ45 shielded plug – 9 pins	5e	Standard	Solid and stranded	100 and 1000 units
MMC RJ45 SC 6 SI	RJ45 shielded plug – 9 pins	6	Integrated clip with offset pin	Stranded	100 units

BOOTS & TOOLS



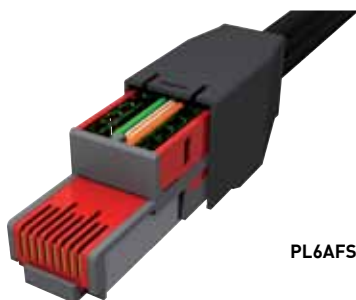
MRJSR



MMCP86MET

Part Nb	Product description	Packaging
MRJSRx	Boot for RJ45 – Cable diameter < 6 mm	100
MRJTSx	Boot for RJ45 – Cable diameter < 6 mm –12 colors available	100
MMCP86MET	Crimp tool for 6/8 pins plugs – heavy duty	1

RJ45 CAT6A PLUG – FLEXIBLE AND RIGID CABLES



PL6AFS

PRODUCT ADVANTAGES

- Plug suitable for flexible and rigid cables
- Tool-less connection
- Built-in locking system
- Suited for outdoor use – IP 54

Part Nb	Product description	Packaging
PL6AFS	Universal Cat6A plug	1

FIBER OPTIC CONNECTORS

SC CONNECTORS AND ADAPTERS



48MMCSCS



48MMTSCD

PRODUCT ADVANTAGES

CONNECTORS

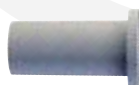
- Available in simplex and duplex version
- Optical connector for hot or cold wiring
- High resistance ceramic ferule
- Black sleeve for 900µm structure crimped or spreader

ADAPTERS

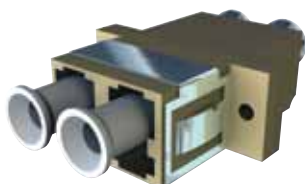
- Available in simplex and duplex version
- Panels may be used independently
- Adapters can be mounted on 49TO1SC12G drawers (24 fibers)

Part Nb	Description	Fiber type	Packaging
48MMCSCS	Simplex SC connector	Multi-mode	Unit
48MMCSCD	Duplex SC connector	Multi-mode	Unit
48SMCSCS	Simplex SC connector	Single-mode	Unit
48MMTSCS	Simplex SC/SC adapter	Multi-mode	Unit
48MMTSCD	Duplex SC/SC adapter	Multi-mode	Unit
48SMTSCD	Duplex SC/SC adapter	Single-mode	Unit
48MMTVSCD	Panel for duplex SC/SC adapter		Unit

LC CONNECTORS AND ADAPTERS



48MMCLCS



48MMTLCD

PRODUCT ADVANTAGES

CONNECTEURS

- Optical connector for hot or cold wiring
- High resistance ceramic ferule
- Compactness allows high density wiring

ADAPTERS

- Duplex adapters
- Panels may be used independently
- Adapters can be mounted on 49TO1LC24G drawers (48 fibers)

Part Nb	Description	Fiber type	Packaging
48MMCLCS	Simplex LC connector	Multi-mode	Unit
48SMCLCS	Simplex LC connector	Single-mode	Unit
48MMTLCD	Duplex LC/LC adapter	Multi-mode	Unit
48SMTLCD	Duplex LC/LC adapter	Single-mode	Unit
48MMTVLCD	Panel for duplex LC/LC adapter		Unit

Audio/Video Connectors

BNC CONNECTORS

50 OHM BNC CRIMP PLUGS



DM550



DSS50

Brand S2CEB	Cables	Part Nb	Packaging
Male straight crimp BNC	RG 174 BU	DMSER 50	1 unit
Male straight crimp BNC	RG 213 U – KX4	BMS 50	1 unit
Male straight crimp BNC	RG 58 CU	DMS 50	1 unit
Female straight crimp BNC	RG 58 CU	DSS 50	1 unit

75 OHM BNC CRIMP PLUGS



DMSE75C



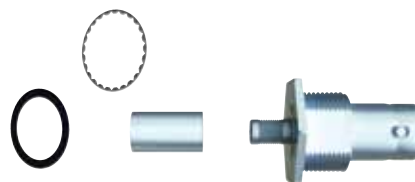
DVCB100HQ

Brand S2CEB	Cables	Part Nb	Packaging
Male straight crimp BNC – High-quality	KX6 – RG59BU	DMSE 75 HQ	1 unit
Male angled crimp BNC	KX6 – RG59BU	DMSE 75 C	1 unit
Female straight crimp BNC	KX6 – RG59BU	DSSE 75 HQ	1 unit
Male straight crimp BNC	VCB75 – PW75 – HD08370LSZH	DVCB 75 RAD	1 unit
Male straight crimp BNC – High-quality	VCB75 – PW75 – HD08370LSZH	DVCB 75 HQ	1 unit
Male straight crimp BNC	VCB100 – HD10460LSZH	DVCB 100 RAD	1 unit
Male straight crimp BNC – High-quality	VCB100 – HD10460LSZH	DVCB 100 HQ	1 unit
Male straight crimp BNC – High-quality	HD 16720	D 16720 HQ	1 unit
Male straight crimp BNC	MC75 – AV3HD – AV5HD – 2MC75P	DMC 75 S	1 unit
Male straight crimp BNC – High-quality	MC75 – AV3HD – AV5HD – 2MC75P – HD03140	DMC 75 HQ	1 unit
Male straight crimp BNC – High-quality	06.28 – HD 0628 HQ	D 0628 HQ	1 unit

50 OHM & 75 OHM BNC SOCKETS



EB50



EB75



Brand S2CEB	Cables	Part Nb	Packaging
Male straight crimp BNC	RG 58 CU	EB 50	1 unit
Male straight crimp BNC	KX 6	EB 75 HQ	1 unit
Male straight crimp BNC	VCB 75	EVCB 75 HQ	1 unit

BNC CONNECTORS

PANEL MOUNT SOCKETS



TPI75FFHQ

Brand S2CEB	Cables	Part Nb	Packaging
Female / female panel mount sockets	75 OHM	TP 75 HQ	1 unit
Isolated female / female panel mount sockets– High-quality	75 OHM	TPI 75 FF HQ	1 unit

WALL TERMINATIONS



CB75

Brand S2CEB	Cables	Part Nb	Packaging
Wall termination	50 OHM	CB 50	1 unit
Wall termination	75 OHM	CB 75	1 unit

EXTENSION CONNECTORS



ABFF75S



TMFF75

Brand S2CEB	Cables	Part Nb	Packaging
Female / female straight BNC extension connector	50 OHM	ABFF 50	1 unit
Female / female straight BNC extension connector – High-quality	75 OHM	ABFF 75 HQ	1 unit
Female / male T BNC extension connector	50 OHM	TMFF 50	1 unit
Female / female straight BNC extension connector – High-quality	75 OHM	TMFF 75 HQ	1 unit

Audio/Video Connectors

BNC CONNECTORS

BOOTS



Brand S2CEB	Cables	Part Nb	Packaging
Color boots: black, red, blue, yellow, green, brown, grey, white	RG 58	M 50 Bx	10 units
Color boots: black, red, blue, yellow, green, brown, grey, white, orange	RG59 – KX6 – PW75 – VCB75 – HD 08370 LSZH	M 75 Bx	10 units
Color boots: black, red, blue, yellow, green	MC75 – AVxHD – 2MC75P – HD 03140	M 50 BRx	10 units
Color boots: black, red, blue, yellow, green, brown, grey, white	06.28 / HD 0628 LSZH	M 0628 x	10 units
Color boots: black, red, blue, yellow, green, brown, grey, white, orange, purple	VCB 100 – HD 10460 LSZH	M 100 x	10 units

CRIMP TOOLS



PBNC C



PBNC S

Brand S2CEB	Cables	Part Nb	Packaging
Crimp tool	RG58CU – RG174 – KX6 – MC75 – AVxHD – 2MC75P – HD 03140 – KX8	PBNC C	1 unit
Crimp tool	KX6 – PW75 – 06.28 – HD0628LSZH – VCB75 – HD08370LSZH – VCB 100 – HD 10460LSZH	PBNC S	1 unit

CABLE STRIPPER



SA332

Brand S2CEB	Cables	Part Nb	Packaging
Cable stripper	RG58CU – RG174 – RG59BU - KX6 – MC75 – VCB75 – PW75 – KX8	SA 332	1 unit

CRIMP TOOL BOX



KITS2CEB

Brand S2CEB	Part Nb	Packaging
Tool box with: 1PBNC S + 1SA332 + 1 cutting tool	KITS2CEB	1

VIDEO AND VIDEO BROADCAST CONNECTORS

S.VHS CABLE PLUGS



R0300

Brand S2CEB	Part Nb	Packaging
Mini DIN male cable plug 4 pins – plastic body	RO 200	1 unit
Mini DIN male cable plug 4 pins – metal body	RO 300	1 unit

VGA CONNECTORS



SDB15HDP

Brand S2CEB	Part Nb	Packaging
Male SUB D 15 pins HD	SDB 15 HDP	1 unit
Female SUB D 15 pins HD	SDB 15 HDS	1 unit
Metal cap	CAPOT VGA	1 unit

MALE STRAIGHT CABLE PLUGS FOR TRIAXIAL CABLES - LEMO

	Cables	Part Nb	Packaging
Male soldering cable plug	TRIAX A2 – TRIAX 8	FFA 3T 675 CTAY 92 S	1 unit
Male soldering cable plug	TRIAX B2	FFA 3T 675 CTAY 13 S	1 unit
Male soldering cable plug	TRIAX 11	FFA 3T 675 CTAY 11	1 unit

FEMALE CABLES PLUGS FOR PANELS - LEMO

	Cables	Part Nb	Packaging
Female nut plug with cable clamp	TRIAX A2 – TRIAX 8	PSA 3T 675 CTLY 92 F	1 unit
Female nut plug with cable clamp	TRIAX B2	PSA 3T 675 CTLY 13 S	1 unit
Female nut plug with cable clamp	TRIAX 11	PSA 3T 675 CTLY 11	1 unit

CAMERA SOCKET FOR TRIAXIAL CABLES - LEMO

	Cables	Part Nb	Packaging
Straight nut socket	TRIAX A2 – TRIAX 8 – TRIAX B2 – TRIAX 11	ERA 3T 675 CTL	1 unit

ON AIR Pro Cords

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AUDIO XLR CORDS



MALE XLR – FEMALE XLR



CAXX11

Connector 1	Connector 2	Cable
NC3MX	NC3FX	VIPER
Part Nb	Length*	Packaging
CAXX 11	1 m	1 unit
CAXX 12	2 m	1 unit
CAXX 13	3 m	1 unit
CAXX 15	5 m	1 unit
CAXX 110	10 m	1 unit
CAXX 115	15 m	1 unit

* Other lengths upon request

MALE XLR – MALE XLR



CAXX22

Connector 1	Connector 2	Cable
NC3MX	NC3MX	VIPER
Part Nb	Length*	Packaging
CAXX 21	1 m	1 unit
CAXX 22	2 m	1 unit
CAXX 23	3 m	1 unit
CAXX 25	5 m	1 unit
CAXX 210	10 m	1 unit
CAXX 215	15 m	1 unit

* Other lengths upon request

MALE XLR – HERMAPHRODITIC XLR



CAXXC1x

Connector 1	Connector 2	Cable
NC3MX	NC3FMC	VIPER
Part Nb	Length*	Packaging
CAXXC 11	1 m	1 unit
CAXXC 12	2 m	1 unit
CAXXC 13	3 m	1 unit
CAXXC 15	5 m	1 unit
CAXXC 110	10 m	1 unit
CAXXC 115	15 m	1 unit

* Other lengths upon request

AUDIO XLR CORDS



2 x MALE XLR – FEMALE XLR



CAX2XM1x

Connector 1	Connector 2	Cable
NC3FX	2 x NC3MX	DUALMIC
Part Nb	Length*	Packaging
CAX2XM 11	1 m	1 unit
CAX2XM 12	2 m	1 unit
CAX2XM 13	3 m	1 unit
CAX2XM 15	5 m	1 unit
CAX2XM 110	10 m	1 unit
CAX2XM 115	15 m	1 unit

* Other lengths upon request

DUAL FEMALE – DUAL MALE XLR



CADX1x

Connector 1	Connector 2	Cable
2 x NC3FX	2 x NC3MX	DUAL MIC
Part Nb	Length*	Packaging
CADX 11	1 m	1 unit
CADX 12	2 m	1 unit
CADX 13	3 m	1 unit
CADX 15	5 m	1 unit
CADX 110	10 m	1 unit
CADX 115	15 m	1 unit

* Other lengths upon request

MALE XLR – FEMALE XLR – DIGITAL



CANXX1x

Connector 1	Connector 2	Cable
NC3MX	NC3FX	DIG1
Part Nb	Length*	Packaging
CANXX 11	1 m	1 unit
CANXX 12	2 m	1 unit
CANXX 13	3 m	1 unit
CANXX 15	5 m	1 unit
CANXX 110	10 m	1 unit
CANXX 115	15 m	1 unit

* Other lengths upon request

ON AIR Pro Cords

AUDIO XLR CORDS



MALE XLR – MALE STEREO JACK 6.35



CAXJ2x

Connector 1	Connector 2	Cable
NC3MX	NP3C	VIPER
Part Nb	Length*	Packaging
CAXJ 21	1 m	1 unit
CAXJ 22	2 m	1 unit
CAXJ 23	3 m	1 unit
CAXJ 25	5 m	1 unit
CAXJ 210	10 m	1 unit
CAXJ 215	15 m	1 unit

* Other lengths upon request

FEMALE XLR – MALE STEREO JACK 6.35



CAXFJ2x

Connector 1	Connector 2	Cable
NC3FX	NP3C	VIPER
Part Nb	Length*	Packaging
CAXFJ 21	1 m	1 unit
CAXFJ 22	2 m	1 unit
CAXFJ 23	3 m	1 unit
CAXFJ 25	5 m	1 unit
CAXFJ 210	10 m	1 unit
CAXFJ 215	15 m	1 unit

* Other lengths upon request

HERMAPHRODITIC XLR – MALE STEREO JACK 6.35



CAXCJ1x

Connector 1	Connector 2	Cable
NC3FMC	NP3C	VIPER
Part Nb	Length*	Packaging
CAXCJ 11	1 m	1 unit
CAXCJ 12	2 m	1 unit
CAXCJ 13	3 m	1 unit
CAXCJ 15	5 m	1 unit
CAXCJ 110	10 m	1 unit
CAXCJ 115	15 m	1 unit

* Other lengths upon request

AUDIO XLR CORDS



DUAL FEMALE XLR – MALE STEREO JACK 3.5



CA2XJ351x

Connector 1	Connector 2	Cable
2 x NC3MX	RJ 45 M	DUAL MIC
Part Nb	Length*	Packaging
CA2XJ35 11	1 m	1 unit
CA2XJ35 12	2 m	1 unit
CA2XJ35 13	3 m	1 unit
CA2XJ35 15	5 m	1 unit
CA2XJ35 110	10 m	1 unit
CA2XJ35 115	15 m	1 unit

* Other lengths upon request

MALE XLR – MALE MONO JACK 6.35



CAXJ3x

Connector 1	Connector 2	Cable
NC3MX	NP2C	VIPER
Part Nb	Length*	Packaging
CAXJ 31	1 m	1 unit
CAXJ 32	2 m	1 unit
CAXJ 33	3 m	1 unit
CAXJ 35	5 m	1 unit
CAXJ 310	10 m	1 unit
CAXJ 315	15 m	1 unit

* Other lengths upon request

FEMALE XLR – MALE MONO JACK 6.35



CAXFJ 3x

Connector 1	Connector 2	Cable
NC3FX	NP2C	VIPER
Part Nb	Length*	Packaging
CAXFJ 31	1 m	1 unit
CAXFJ 32	2 m	1 unit
CAXFJ 33	3 m	1 unit
CAXFJ 35	5 m	1 unit
CAXFJ 310	10 m	1 unit
CAXFJ 315	15 m	1 unit

* Other lengths upon request

ON AIR Pro Cords

AUDIO JACK CORDS



MALE STEREO JACK 6.35 – MALE STEREO JACK 6.35



CAJJ1X

Connector 1	Connector 2	Cable
NP3C	NP3C	VIPER
Part Nb	Length*	Packaging
CAJJ 11	1 m	1 unit
CAJJ 12	2 m	1 unit
CAJJ 13	3 m	1 unit
CAJJ 15	5 m	1 unit
CAJJ 110	10 m	1 unit
CAJJ 115	15 m	1 unit

* Other lengths upon request

MALE MONO JACK 6.35 – MALE MONO JACK 6.35



CAJJ3X

Connector 1	Connector 2	Cable
NP2C	NP2C	COBRA
Part Nb	Length*	Packaging
CAJJ 31	1 m	1 unit
CAJJ 32	2 m	1 unit
CAJJ 33	3 m	1 unit
CAJJ 35	5 m	1 unit
CAJJ 310	10 m	1 unit
CAJJ 315	15 m	1 unit

* Other lengths upon request

MALE STEREO JACK 6.35 – DOUBLE MALE CINCH



CAJ2R11

Connector 1	Connector 2	Cable
NP3C	RCAMOB RCAMOR	DUAL22HQ
Part Nb	Length*	Packaging
CAJ2R11	1 m	1 unit
CAJ2R12	2 m	1 unit
CAJ2R13	3 m	1 unit
CAJ2R15	5 m	1 unit
CAJ2R110	10 m	1 unit
CAJ2R115	15 m	1 unit

* Other lengths upon request

AUDIO JACK CORDS



MALE STEREO JACK 6.35 – MALE XLR /FEMALE XLR



CAJ2X11

Connector 1	Connector 2	Cable
NP3C	NC3FX NC3MX	DUAL22HQ

Part Nb	Length*	Packaging
CAJ2X11	1 m	1 unit
CAJ2X12	2 m	1 unit
CAJ2X13	3 m	1 unit
CAJ2X15	5 m	1 unit
CAJ2X110	10 m	1 unit
CAJ2X115	15 m	1 unit

* Other lengths upon request

MALE STEREO JACK 6.35 – MONO MALE DOUBLE JACKS 6.35



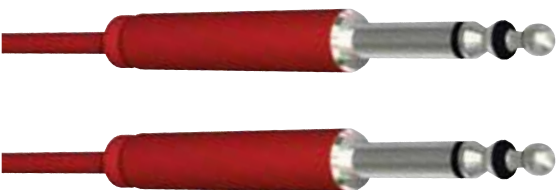
CAJ2J11

Connector 1	Connector 2	Cable
NP3C	2 x NP2C	DUAL22HQ

Part Nb	Length*	Packaging
CAJ2J11	1 m	1 unit
CAJ2J12	2 m	1 unit
CAJ2J13	3 m	1 unit
CAJ2J15	5 m	1 unit
CAJ2J110	10 m	1 unit
CAJ2J115	15 m	1 unit

* Other lengths upon request

MALE JACK BANTAM – MALE JACK BANTAM



CATT1XX

Connector 1	Connector 2	Cable
NP3TTPB NP3TTPR	NP3TTPB NP3TTPR	TT14 TT14R

Part Nb	Length*	Colours	Packaging
CATT1006N	0.60 m	Noir	1 unit
CATT1006R	0.60 m	Rouge	1 unit
CATT1009N	0.90 m	Noir	1 unit
CATT1009R	0.90 m	Rouge	1 unit
CATT1105N	1.50 m	Noir	1 unit
CATT1105R	1.50 m	Rouge	1 unit

* Other lengths upon request

ON AIR Pro Cords

CINCH AUDIO CORDS



MALE CINCH / MALE CINCH



CARR11

Connector 1	Connector 2	Cable
RCAM GOLD	RCAM GOLD	VIPER
Part Nb	Length*	Packaging
CARR 11	1 m	1 unit
CARR 12	2 m	1 unit
CARR 13	3 m	1 unit
CARR 15	5 m	1 unit
CARR 110	10 m	1 unit
CARR 115	15 m	1 unit

* Other lengths upon request

DUAL MALE CINCH / DUAL MALE CINCH



CARR2x

Connecteur 1	Connecteur 2	Câble
CINCH GOLD RCAM OB	CINCH GOLD RCAM OB	DUAL 22 HQ
Part Nb	Length*	Packaging
CARR 21	1 m	1 unit
CARR 22	2 m	1 unit
CARR 23	3 m	1 unit
CARR 25	5 m	1 unit
CARR 210	10 m	1 unit
CARR 215	15 m	1 unit

* Other lengths upon request

SPEAKER CORDS



MALE MONO JACK 6.35 / MALE MONO JACK 6.35



CHP1JJ1X

Connector 1	Connector 2	Cable
NP2C	NP2C	S.FHP 215
Part Nb	Length*	Packaging
CHP1JJ 11	1 m	1 unit
CHP1JJ 12	2 m	1 unit
CHP1JJ 13	3 m	1 unit
CHP1JJ 15	5 m	1 unit
CHP1JJ 110	10 m	1 unit
CHP1JJ 115	15 m	1 unit
CHP1JJ 120	20 m	1 unit

* Other lengths upon request

MALE MONO JACK 6.35 / MALE MONO JACK 6.35



CHP2JJ1X

Connector 1	Connector 2	Cable
NP2C	NP2C	S.FHP225
Part Nb	Length*	Packaging
CHP2JJ11	1 m	1 unit
CHP2JJ12	2 m	1 unit
CHP2JJ13	3 m	1 unit
CHP2JJ15	5 m	1 unit
CHP2JJ110	10 m	1 unit
CHP2JJ115	15 m	1 unit
CHP2JJ120	20 m	1 unit

* Other lengths upon request

MALE XLR / FEMALE XLR



CHP1XXII

Connector 1	Connector 2	Cable
NC3FX	NC3MX	S.FHP215
Part Nb	Length*	Packaging
CHP1XX11	1 m	1 unit
CHP1XX12	2 m	1 unit
CHP1XX13	3 m	1 unit
CHP1XX15	5 m	1 unit
CHP1XX110	10 m	1 unit
CHP1XX115	15 m	1 unit
CHP1XX120	20 m	1 unit

* Other lengths upon request

SPEAKER CORDS



2 PINS SPEAKON PLUG – MALE XLR



CHP2SX1X

Connector 1	Connector 2	Cable
NL2FC	NC3MX	S.FHP225
Part Nb	Length*	Packaging
CHP2SX11	1 m	1 unit
CHP2SX12	2 m	1 unit
CHP2SX13	3 m	1 unit
CHP2SX15	5 m	1 unit
CHP2SX110	10 m	1 unit
CHP2SX115	15 m	1 unit
CHP2SX120	20 m	1 unit

* Other lengths upon request

2 PINS SPEAKON PLUG – 2 PINS SPEAKON PLUG



CHP2SS1X

Connector 1	Connector 2	Cable
NL2FC	NL2FC	S.FHP225
Part Nb	Length*	Packaging
CHP2SS11	1 m	1 unit
CHP2SS12	2 m	1 unit
CHP2SS13	3 m	1 unit
CHP2SS15	5 m	1 unit
CHP2SS110	10 m	1 unit
CHP2SS115	15 m	1 unit
CHP2SS120	20 m	1 unit

* Other lengths upon request

2 PINS SPEAKON PLUG – MALE MONO JACK 6.35



CHP2SJ1X

Connector 1	Connector 2	Cable
NL2FC	NP2C	S.FHP225
Part Nb	Length*	Packaging
CHP2SJ11	1 m	1 unit
CHP2SJ12	2 m	1 unit
CHP2SJ13	3 m	1 unit
CHP2SJ15	5 m	1 unit
CHP2SJ110	10 m	1 unit
CHP2SJ115	15 m	1 unit
CHP2SJ120	20 m	1 unit

* Other lengths upon request

SPEAKER CORDS



4 PINS SPEAKON PLUG – 4 PINS SPEAKON PLUG



CHP4SS1X

Connector 1	Connector 2	Cable
NL4FC	NL4FC	FHP425

Part Nb	Length*	Packaging
CHP4SS11	1 m	1 unit
CHP4SS12	2 m	1 unit
CHP4SS13	3 m	1 unit
CHP4SS15	5 m	1 unit
CHP4SS110	10 m	1 unit
CHP4SS115	15 m	1 unit
CHP4SS120	20 m	1 unit

* Other lengths upon request

8 PINS SPEAKON PLUG – 8 PINS SPEAKON PLUG



CHP8SS1X

Connector 1	Connector 2	Cable
NL8FC	NL8FC	FHP825

Part Nb	Length*	Packaging
CHP8SS11	1 m	1 unit
CHP8SS12	2 m	1 unit
CHP8SS13	3 m	1 unit
CHP8SS15	5 m	1 unit
CHP8SS110	10 m	1 unit
CHP8SS115	15 m	1 unit
CHP8SS120	20 m	1 unit

* Other lengths upon request

ON AIR Pro Cords

DMX CORDS



5 PINS MALE XLR – 5 PINS FEMALE XLR



CDMX51X

Connector 1	Connector 2	Cable
NC5FX	NC5MX	DMX512

Part Nb	Length*	Packaging
CDMX511	1 m	1 unit
CDMX512	2 m	1 unit
CDMX513	3 m	1 unit
CDMX515	5 m	1 unit
CDMX5110	10 m	1 unit
CDMX5115	15 m	1 unit
CDMX5120	20 m	1 unit
CDMX5125	25 m	1 unit
CDMX5130	30 m	1 unit
CDMX5150	50 m	1 unit
CDMX5175	75 m	1 unit
CDMX51100	100 m	1 unit

* Other lengths upon request

3 PINS MALE XLR – 3 PINS FEMALE XLR



CDMX31X

Connecteur 1	Connecteur 2	Câble
NC3FX	NC3MX	1XDMX512

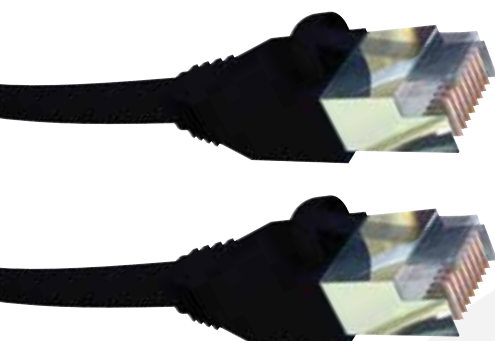
Référence	Longueur*	Conditionnement
CDMX311	1 m	1 unit
CDMX312	2 m	1 unit
CDMX313	3 m	1 unit
CDMX315	5 m	1 unit
CDMX3110	10 m	1 unit
CDMX3115	15 m	1 unit
CDMX3120	20 m	1 unit
CDMX3125	25 m	1 unit
CDMX3130	30 m	1 unit
CDMX3150	50 m	1 unit
CDMX3175	75 m	1 unit
CDMX31100	100 m	1 unit

* Other lengths upon request

CATEGORY 5E AWG 26 CORDS



RJ45 – RJ45



CRJ451X

Connector 1	Connector 2	Cable
Black boot	RJ45 shielded plug Black boot	AUDIOLAN

Part Nb	Length*	Packaging
CRJ45 1005	0.50 m	1 unit
CRJ45 11	1 m	1 unit
CRJ45 12	2 m	1 unit
CRJ45 13	3 m	1 unit
CRJ45 15	5 m	1 unit
CRJ45 110	10 m	1 unit
CRJ45 120	15 m	1 unit
CRJ45 150	50m	1 unit
CRJ45 180	80 m	1 unit

* Other lengths upon request

RJ45 – RJ45 ON CABLE DRUM



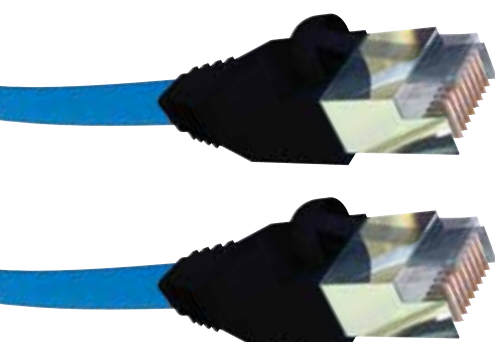
CRJ451XR0L

Connector 1	Connector 2	Cable drum	Cable
RJ45 shielded plug - NE8MC	RJ45 shielded plug - NE8MC	GT310RM	AUDIOLAN

Part Nb	Length*	Packaging
CRJ45120NEROL	20 m	1 unit
CRJ45130NEROL	30 m	1 unit
CRJ45150NEROL	50 m	1 unit
CRJ45180NEROL	80 m	1 unit

* Other lengths upon request

CATEGORY 5E AWG 24 CORDS: **RJ45 – RJ45**



CRJ2451X

Connector 1	Connector 2	Cable
RJ45 shielded plug Black boot	RJ45 shielded plug Black boot	AUDIOLAN24

Part Nb	Length*	Packaging
CRJ245120	20 m	1 unit
CRJ245130	30 m	1 unit
CRJ245150	50 m	1 unit
CRJ245170	70 m	1 unit
CRJ245180	80 m	1 unit
CRJ2481100	100 m	1 unit

* Other lengths upon request

ON AIR Pro Cords

CATEGORY 5E AWG 24 CORDS



RJ45 – RJ45 WITH CAP

Connector 1	Connector 2	Cable
RJ45 shielded plug NE8MC	RJ45 shielded plug NE8MC	AUDIOLAN24
Part Nb	Length	Packaging
CRJ245 120 NE	20 m	1 unit
CRJ245 130 NE	30 m	1 unit
CRJ245 150 NE	50 m	1 unit
CRJ245 170 NE	70 m	1 unit
CRJ245 180 NE	80 m	1 unit
CRJ248 1100 NE	100 m	1 unit

RJ45 – RJ45 ON CABLE DRUM



CRJ2451xROL

Connector 1	Connector 2	Cable winder	Cable
RJ45 shielded plug Black boot	RJ45 shielded plug Black boot	GT310RM for lengths from 20 to 70 m GT380RM for lengths from 80 to 100 m	AUDIOLAN
Part Nb	Length	Packaging	
CRJ245 120 ROL	20 m	1 unit	
CRJ245 130 ROL	30 m	1 unit	
CRJ245 150 ROL	50 m	1 unit	
CRJ245 170 ROL	70 m	1 unit	
CRJ245 180 ROL	80 m	1 unit	
CRJ245 1100 ROL	100 m	1 unit	

Connector 1	Connector 2	Cable winder	Cable
RJ45 shielded plug NE8MC	RJ45 shielded plug NE8MC	GT310RM for lengths from 20 to 70 m GT380RM for lengths from 80 to 100 m	AUDIOLAN24
Part Nb	Length	Packaging	
CRJ245 120 NE ROL	20 m	1 unit	
CRJ245 130 NE ROL	30 m	1 unit	
CRJ245 150 NE ROL	50 m	1 unit	
CRJ245 170 NE ROL	70 m	1 unit	
CRJ245 180 NE ROL	80 m	1 unit	
CRJ245 1100 NE ROL	100 m	1 unit	

CATEGORY 6A CORDS

CATEGORY 6 F/UTP CORDS



TX2041M

Part Nb	Length*	Packaging
TX 204 05 M	0.50 m	1 unit
TX 204 1 M	1 m	1 unit
TX 204 2 M	2 m	1 unit
TX 204 3 M	3 m	1 unit
TX 204 5 M	5 m	1 unit
TX 204 10 M	10 m	1 unit

CATEGORY 6 S/UTP CORDS WITH LED IDENTIFICATION



CORD6AS01LED

Part Nb	Length*	Packaging
CORD6 ASO 1 LED	1 m	1 unit
CORD6 ASO 2 LED	2 m	1 unit
CORD6 ASO 3 LED	3 m	1 unit
CORD6 ASO 5 LED	5 m	1 unit
CORD6 ASO 10 LED	10 m	1 unit

ACCESSORIES

FOR CATEGORY 6 S/UTP CORDS WITH LED IDENTIFICATION



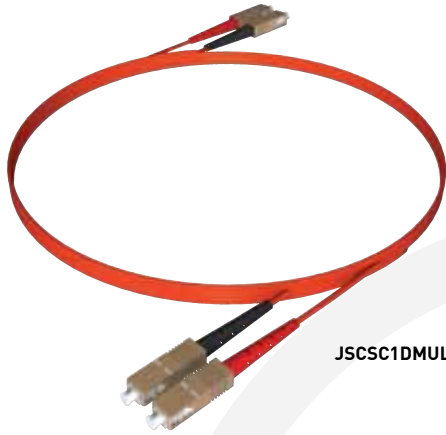
LEDTOOL

Part Nb	Length*	Packaging
LED TOOL	Led activation tool	1 unit
LED COIN	Coin cell for LED activation tool	1 unit
LED COLX	Colored marking sets for yellow / red / blue / green plugs	100 units

ON AIR Pro Cords

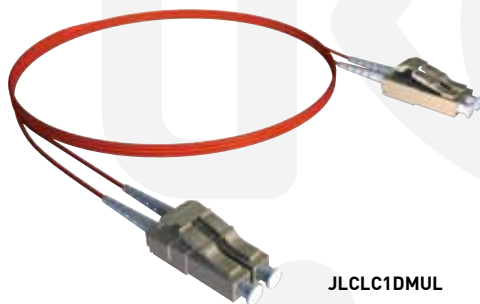
FIBERS OPTIC CORDS

SC / SC CONNECTORS



Part Nb	Fiber	Length	Packaging
JSC SC x DMUL	Multi-mode 62.5 / 125 OM1	1, 2, 3, 5 m	1 unit
JSC SC x DMUL50	Multi-mode 50 / 125 OM2	2, 5 m	1 unit
JSC SC x DMUL50 OM3	Multi-mode 50 / 125 OM2	2, 5 m	1 unit
JSC SC x DMONO	Single-mode 9 / 125 OS1	1, 10 m	1 unit

LC / LC CONNECTORS



Part Nb	Fiber	Length	Packaging
JLC LC x DMUL50	Multi-mode 50 / 125 OM2	1, 2 m	1 unit
JLC LC x DMONO	Single-mode 9 / 125 OS1	2, 5 m	1 unit

SC / LC CONNECTORS

Part Nb	Fiber	Length	Packaging
JLC SC x DMUL	Multi-mode 62.5 / 125 OM1	2, 3, 5 m	1 unit
JLC SC x DMUL50	Multi-mode 50 / 125 OM2	2, 5 m	1 unit
JLC SC x DMUL50 OM3	Multi-mode 50 / 125 OM2	2, 5 m	1 unit
JLC SC x DMONO	Single-mode 9 / 125 OS1	1, 5 m	1 unit

ANALOG AUDIO MULTI-PAIR CORDS



MALE XLR – FEMALE XLR



CMPAPXXX1X

CHARACTERISTICS

- Rislán jacket on each pair
- Number coding of pairs
- Fanning out of 50 cm
- Transparent thermo sleeve of 10 cm

Connector 1	Connector 2	Cable
NC3FX	NC3MX	MPAPxx
Description	Length*	Part Nb
Balanced audio cord 4 pairs	5, 10, 15, 20, 25, 30 m	CMPAP4 XX 1x
Balanced audio cord 8 pairs	5, 10, 15, 20, 25, 30 m	CMPAP8 XX 1x
Balanced audio cord 12 pairs	5, 10, 15, 20, 25, 30 m	CMPAP12 XX 1x
Balanced audio cord 16 pairs	5, 10, 15, 20, 25, 30 m	CMPAP16 XX 1x
Balanced audio cord 24 pairs	5, 10, 15, 20, 25, 30 m	CMPAP24 XX 1x
Balanced audio cord 32 pairs	5, 10, 15, 20, 25, 30 m	CMPAP32 XX 1x

* Other lengths upon request

MALE STEREO JACK 6.35 – MALE STEREO JACK 6.35



CMPAPXJJ1X

CHARACTERISTICS

- Rislán jacket on each pair
- Number coding of pairs
- Fanning out of 50 cm
- Transparent thermo sleeve of 10 cm

Connector 1	Connector 2	Cable
NP3C	NP3C	MPAPxx
Description	Length*	Part Nb
Balanced audio cord 4 pairs	5, 10, 15, 20, 25, 30 m	CMPAP4 JJ 1x
Balanced audio cord 8 pairs	5, 10, 15, 20, 25, 30 m	CMPAP8 JJ 1x
Balanced audio cord 12 pairs	5, 10, 15, 20, 25, 30 m	CMPAP12 JJ 1x
Balanced audio cord 16 pairs	5, 10, 15, 20, 25, 30 m	CMPAP16 JJ 1x
Balanced audio cord 24 pairs	5, 10, 15, 20, 25, 30 m	CMPAP24 JJ 1x
Balanced audio cord 32 pairs	5, 10, 15, 20, 25, 30 m	CMPAP32 JJ 1x

* Other lengths upon request

MALE MONO JACK 6.35 – MALE MONO JACK 6.35



CMPAPXJJ3X

CHARACTERISTICS

- Rislán jacket on each pair
- Number coding of pairs
- Fanning out of 50 cm
- Transparent thermo sleeve of 10 cm

Connector 1	Connector 2	Cable
NP2C	NP2C	MPAPxx
Description	Length*	Part Nb
Balanced audio cord 4 pairs	5, 10, 15, 20, 25, 30 m	CMPAP4 XX 3x
Balanced audio cord 8 pairs	5, 10, 15, 20, 25, 30 m	CMPAP8 XX 3x
Balanced audio cord 12 pairs	5, 10, 15, 20, 25, 30 m	CMPAP12 XX 3x
Balanced audio cord 16 pairs	5, 10, 15, 20, 25, 30 m	CMPAP16 XX 3x
Balanced audio cord 24 pairs	5, 10, 15, 20, 25, 30 m	CMPAP24 XX 3x
Balanced audio cord 32 pairs	5, 10, 15, 20, 25, 30 m	CMPAP32 XX 3x

* Other lengths upon request

ON AIR Pro Cords

ANALOG AUDIO MULTI-PAIR CORDS



MALE XLR – MALE STEREO JACK 6.35



CMPAPXJ1X

Connector 1	Connector 2	Cable
NC3MX	NP3C	MPAPxx
Description	Length*	Part Nb
Balanced audio cord 4 pairs	5, 10, 15, 20, 25, 30 m	CMPAP4XJ1x
Balanced audio cord 8 pairs	5, 10, 15, 20, 25, 30 m	CMPAP8XJ1x
Balanced audio cord 12 pairs	5, 10, 15, 20, 25, 30 m	CMPAP12XJ1x
Balanced audio cord 16 pairs	5, 10, 15, 20, 25, 30 m	CMPAP16XJ1x
Balanced audio cord 24 pairs	5, 10, 15, 20, 25, 30 m	CMPAP24XJ1x
Balanced audio cord 32 pairs	5, 10, 15, 20, 25, 30 m	CMPAP32XJ1x

* Other lengths upon request

CHARACTERISTICS

- Rislán jacket on each pair
- Number coding of pairs
- Fanning out of 50 cm
- Transparent thermo sleeve of 10 cm

XLR FEMELLE – MALE STEREO JACK 6.35



CMPAPXFJ1X

Connector 1	Connector 2	Cable
NC3FX	NP3C	MPAPxx
Description	Length*	Part Nb
Balanced audio cord 4 pairs	5, 10, 15, 20, 25, 30 m	CMPAP4XFJ1x
Balanced audio cord 8 pairs	5, 10, 15, 20, 25, 30 m	CMPAP8XFJ1x
Balanced audio cord 12 pairs	5, 10, 15, 20, 25, 30 m	CMPAP12XFJ1x
Balanced audio cord 16 pairs	5, 10, 15, 20, 25, 30 m	CMPAP16XFJ1x
Balanced audio cord 24 pairs	5, 10, 15, 20, 25, 30 m	CMPAP24XFJ1x
Balanced audio cord 32 pairs	5, 10, 15, 20, 25, 30 m	CMPAP32XFJ1x

* Other lengths upon request

CHARACTERISTICS

- Rislán jacket on each pair
- Number coding of pairs
- Fanning out of 50 cm
- Transparent thermo sleeve of 10 cm

ANALOG AUDIO MULTI-PAIR CORDS



MALE XLR – BANTAM JACK



Connector 1	Connector 2	Cable
NC3MX	NP3TTPR	MPAPxx
Description	Length*	Part Nb
Balanced audio cord 4 pairs	5, 10, 15, 20, 25, 30 m	CMPAP4XTT1x
Balanced audio cord 8 pairs	5, 10, 15, 20, 25, 30 m	CMPAP8XTT1x
Balanced audio cord 12 pairs	5, 10, 15, 20, 25, 30 m	CMPAP12XTT1x
Balanced audio cord 16 pairs	5, 10, 15, 20, 25, 30 m	CMPAP16XTT1x
Balanced audio cord 24 pairs	5, 10, 15, 20, 25, 30 m	CMPAP24XTT1x
Balanced audio cord 32 pairs	5, 10, 15, 20, 25, 30 m	CMPAP32XTT1x

* Other lengths upon request

CHARACTERISTICS

- Rislax jacket on each pair
- Number coding of pairs
- Fanning out of 50 cm
- Transparent thermo sleeve of 10 cm

FEMALE XLR – BANTAM JACK



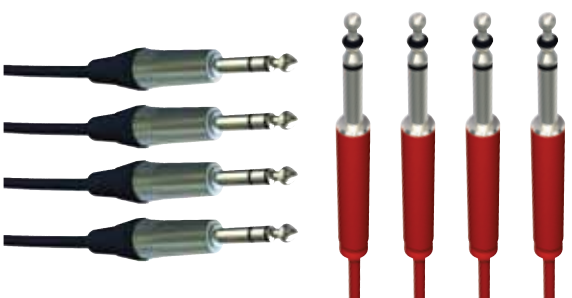
Connector 1	Connector 2	Cable
NC3FX	NP3TTPR	MPAPxx
Description	Length*	Part Nb
Balanced audio cord 4 pairs	5, 10, 15, 20, 25, 30 m	CMPAP4XFTT1x
Balanced audio cord 8 pairs	5, 10, 15, 20, 25, 30 m	CMPAP8XFTT1x
Balanced audio cord 12 pairs	5, 10, 15, 20, 25, 30 m	CMPAP12XFTT1x
Balanced audio cord 16 pairs	5, 10, 15, 20, 25, 30 m	CMPAP16XFTT1x
Balanced audio cord 24 pairs	5, 10, 15, 20, 25, 30 m	CMPAP24XFTT1x
Balanced audio cord 32 pairs	5, 10, 15, 20, 25, 30 m	CMPAP32XFTT1x

* Other lengths upon request

CHARACTERISTICS

- Rislax jacket on each pair
- Number coding of pairs
- Fanning out of 50 cm
- Transparent thermo sleeve of 10 cm

MALE STEREO JACK 6.35 – JACK BANTAM



Connector 1	Connector 2	Cable
NP3C	NP3TTPR	MPAPxx
Description	Length*	Part Nb
Balanced audio cord 4 pairs	5, 10, 15, 20, 25, 30 m	CMPAP4TTJ1x
Balanced audio cord 8 pairs	5, 10, 15, 20, 25, 30 m	CMPAP8TTJ1x
Balanced audio cord 12 pairs	5, 10, 15, 20, 25, 30 m	CMPAP12TTJ1x
Balanced audio cord 16 pairs	5, 10, 15, 20, 25, 30 m	CMPAP16TTJ1x
Balanced audio cord 24 pairs	5, 10, 15, 20, 25, 30 m	CMPAP24TTJ1x
Balanced audio cord 32 pairs	5, 10, 15, 20, 25, 30 m	CMPAP32TTJ1x

* Other lengths upon request

CHARACTERISTICS

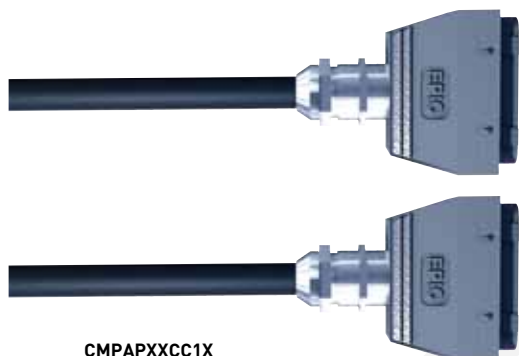
- Rislax jacket on each pair
- Number coding of pairs
- Fanning out of 50 cm
- Transparent thermo sleeve of 10 cm

ON AIR Pro Cords

ANALOG AUDIO MULTI-PAIR CORDS



MULTI-PIN MALE – MULTI-PIN MALE



CMPAPXXCC1X

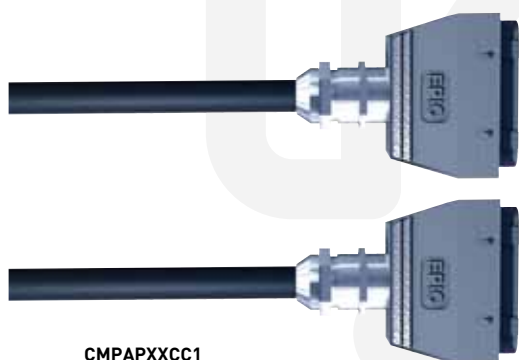
CHARACTERISTICS

- Separated ground wiring
- Transparent thermo sleeve of 10 cm

Connector 1	Connector 2	Cable
FMS 40	FMS 40	MPAP 12
FMS 72	FMS 72	MPAP 16
FMS 72	FMS 72	MPAP 24
FMS 108	FMS 108	MPAP 32
Description	Length*	Part Nb
Balanced audio cord 12 pairs	5, 10, 15, 20, 25, 30 m	CMPAP12 CC 1x
Balanced audio cord 16 pairs	5, 10, 15, 20, 25, 30 m	CMPAP16 CC 1x
Balanced audio cord 24 pairs	5, 10, 15, 20, 25, 30 m	CMPAP24 CC 1x
Balanced audio cord 32 pairs	5, 10, 15, 20, 25, 30 m	CMPAP32 CC 1x

* Other lengths upon request

MULTI-PIN FEMALE – MULTI-PIN FEMALE



CMPAPXXCC1

CHARACTERISTICS

- Separated ground wiring
- Transparent thermo sleeve of 10 cm

Connector 1	Connector 2	Cable
FFS40	FFS40	MPAP12
FFS72	FFS72	MPAP16
FFS72	FFS72	MPAP24
FFS108	FF108	MPAP32
Description	Length*	Part Nb
Balanced audio cord 12 pairs	5, 10, 15, 20, 25, 30 m	CMPAP12CC2x
Balanced audio cord 16 pairs	5, 10, 15, 20, 25, 30 m	CMPAP16CC2x
Balanced audio cord 24 pairs	5, 10, 15, 20, 25, 30 m	CMPAP24CC2x
Balanced audio cord 32 pairs	5, 10, 15, 20, 25, 30 m	CMPAP32CC2x

* Other lengths upon request

ANALOG AUDIO MULTI-PAIR CORDS



FEMALE XLR – DB 25 PINS INPUT



CDIGI8DBX2X

Connector 1	Connector 2	Cable
NC3FX	DB 25 pins male Metal cover	DIGI8
Description	Length*	Part Nb
Balanced audio cord 8 pairs	2, 5, 10 m	CDIGI8DBX2x

* Other lengths upon request

CHARACTERISTICS

- Rislán jacket on each pair
- Number coding of pairs
- Fanning out of 50 cm
- Transparent thermo sleeve of 10 cm

MALE XLR - DB 25 PINS OUTPUT



CDIGI8DBX2X

Connector 1	Connector 2	Cable
NC3MX	DB 25 pins male Metal cover	DIGI8
Description	Length*	Part Nb
Balanced audio cord 8 pairs	2, 5, 10 m	CDIGI8DBX1x

* Other lengths upon request

CHARACTERISTICS

- Rislán jacket on each pair
- Number coding of pairs
- Fanning out of 50 cm
- Transparent thermo sleeve of 10 cm

MALE XLR – FEMALE XLR - DB 25 PINS



CDIGI8Y1X

Connector 1	Connector 2	Cable
NC3MXx4 NC3FXx4	DB 25 pins male Metal cover	DIGI8
Description	Length*	Part Nb
Audio cord for digital recorder YAMAHA – AE - APOGEE	5, 10, 15, 20, 25, 30 m	CDIGI8Y1x
Audio cord for digital recorder DIGIDESIGN - TASCAM	5, 10, 15, 20, 25, 30 m	CDIGI8DT1x
Audio cord for digital recorder PYRAMIX	5, 10, 15, 20, 25, 30 m	CDIGI8P1x

* Other lengths upon request

CHARACTERISTICS

- Rislán jacket on each pair
- Number coding of pairs
- Fanning out of 50 cm
- Transparent thermo sleeve of 10 cm

ON AIR Pro Cords

PRE-WIRED STAGE BOXES



16 TO 48 CHANNEL BOXES – MULTI-PIN OUTPUT



SBXX

CHARACTERISTICS

- Separated ground wiring for boxes with 16 to 32 channels
- Common ground wiring for boxes with 40 en 48 channels.
- Socket assembly with pop rivets.

Connector - input	Connector - output	Multi-pin plug
NC 3 FDL 1	NC 3 MDL1	Female socket with locking lever – EFS xx

Description	Number of inputs	Number of outputs	Multi-pin plug	Part Nb
Stage box – 16 channels	12	4	64 pins	SB 16 XFC 64
Stage box – 20 channels	16	4	64 pins	SB 20 XFC 64
Stage box – 24 channels	16	8	72 pins	SB 24 XFC 72
Stage box – 24 channels	20	4	72 pins	SB 24 X4FC 72
Stage box – 32 channels	24	8	108 pins	SB 32 XFC 108
Stage box – 40 channels	32	8	108 pins	SB 40 XFC 108
Stage box – 48 channels	40	8	108 pins	SB 48 XFC 108

8 TO 48 CHANNEL BOXES WITH ANALOG AUDIO MULTI-PAIR CORDS



MPAPXX

CHARACTERISTICS

- Socket assembly with pop rivets
- Black plastic cable gland at output of box
- Rislán jacket on each pair
- Number coding of pairs
- Fanning out of 50 cm
- Transparent thermo sleeve of 10 cm

MULTI-PAIR AUDIO

Connector - input	Connector - output
NC 3 FDL 1	NC 3 MDL1

STAGE BOX

Connector – output	Connector - input
NC 3 MX	NC 3 FX

Description	Number of inputs on box	Number of outputs on box	Cable	Length*	Multi-pair number of inputs	Multipaire number of outputs	Part Nb
Stage box – 8 channels	8	-	MPAP8	5, 10, 15, 20 m	-	8	SB8XX1xx
Stage box – 12 channels	12	-	MPAP12	5, 10, 15, 20 m	-	12	SB12XX1xx
Stage box – 12 channels	8	4	MPAP12	5, 10, 15, 20 m	4	8	SB128XF4XM1xx
Stage box – 16 channels	12	4	MPAP16	5, 10, 15, 20 m	4	12	SB16XX1xx
Stage box – 20 channels	16	4	MPAP20	5, 10, 15, 20 m	4	16	SB20XX1xx
Stage box – 24 channels	16	8	MPAP24	5, 10, 15, 20 m	8	16	SB24XX1xx
Stage box – 24 channels	20	4	MPAP24	5, 10, 15, 20 m	4	20	SB2420XF4XM1xx
Stage box – 32 channels	24	8	MPAP32	5, 10, 15, 20 m	8	24	SB32XX1xx
Stage box – 40 channels	32	8	MPAP40	5, 10, 15, 20 m	8	32	SB40XX1xx
Stage box – 48 channels	40	8	MPAP48	5, 10, 15, 20 m	8	40	SB48XX1xx

* Other lengths upon request

ANALOG VIDEO CORDS



MINIATURE BNC / BNC CORDS



CVB751X

Connector 1	Connector 2	Cable
DMG75HQ - M50BRN	DMG75HQ - M50BRN	MC75
Part Nb	Length*	Packaging
CVB75 025	0.25 m	1 unit
CVB75 05	0.50 m	1 unit
CVB75 1	1 m	1 unit
CVB75 2	2 m	1 unit
CVB75 3	3 m	1 unit
CVB75 4	4 m	1 unit
CVB75 5	5 m	1 unit
CVB75 6	6 m	1 unit
CVB75 10	10 m	1 unit
CVB75 15	15 m	1 unit
CVB75 20	20 m	1 unit
CVB75 30	30 m	1 unit

* Other lengths upon request

BNC / BNC CORDS



CORDKX6AX

Connector 1	Connector 2	Cable
DMSE75HQ - M75BV	DMSE75HQ - M75BV	KX6
Part Nb	Length*	Packaging
CORDKX6A1	1 m	1
CORDKX6A2	2 m	1
CORDKX6A3	3 m	1
CORDKX6A5	5 m	1
CORDKX6A10	10 m	1
CORDKX6A15	15 m	1
CORDKX6A20	20 m	1
CORDKX6A25	25 m	1
CORDKX6A30	30 m	1
CORDKX6A50	50 m	1
CORDKX6A100	100 m	1

* Other lengths upon request

CINCH / CINCH CORDS



CORDKX6AR

Connector 1	Connector 2	Cable
RCAM0B	RCAM0B	KX6
Part Nb	Length*	Packaging
CORDKX6AR1	1 m	1
CORDKX6AR2	2 m	1
CORDKX6AR3	3 m	1
CORDKX6AR5	5 m	1
CORDKX6AR10	10 m	1
CORDKX6AR15	15 m	1
CORDKX6AR20	20 m	1
CORDKX6AR25	25 m	1

* Other lengths upon request

ON AIR Pro Cords

DIGITAL VIDEO AND HDTV CORDS



DIGITAL VIDEO CORDS



CORDPW751X

Connector 1	Connector 2	Cable
DVCB75HQ - M75BVI	DVCB75HQ - M75BVI	PW75

Part Nb	Length*	Packaging
CORDPW751	1 m	1 unit
CORDPW752	2 m	1 unit
CORDPW753	3 m	1 unit
CORDPW755	5 m	1 unit
CORDPW7510	10 m	1 unit
CORDPW7515	15 m	1 unit
CORDPW7520	20 m	1 unit
CORDPW7525	25 m	1 unit
CORDPW7530	30 m	1 unit
CORDPW7550	50 m	1 unit
CORDPW75100	100 m	1 unit

* Other lengths upon request

MINIATURE HDTV CORDS



CHD031401XX

Connector 1	Connector 2	Cable
DMC75HQ - M50BRN	DMC75HQ - M50BRN	HD03140

Part Nb	Length*	Packaging
CHD031401025	0.25 m	1 unit
CHD031401050	0.50 m	1 unit
CHD0314011	1 m	1 unit
CHD0314012	2 m	1 unit
CHD0314015	5 m	1 unit
CHD03140110	10 m	1 unit

* Other lengths upon request

HDTV CORDS



CHD06281XX

Connector 1	Connector 2	Cable
M50BN	M50BN	HD0628LSZH
D0628HQ	D0628HQ	HD0628LSZH

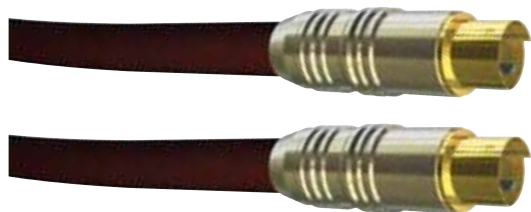
Part Nb	Length*	Packaging
CHD06281025	0.25 m	1 unit
CHD06281050	0.50 m	1 unit
CHD062811	1 m	1 unit
CHD062812	2 m	1 unit
CHD062813	3 m	1 unit
CHD062815	5 m	1 unit
CHD0628110	10 m	1 unit
CHD0628115	15 m	1 unit
CHD0628120	20 m	1 unit
CHD0628125	25 m	1 unit
CHD0628130	30 m	1 unit

* Other lengths upon request

CORDONS S. VIDÉO



MINI DIN / MINI DIN



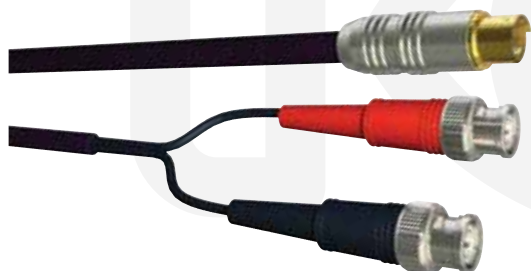
CYCP1X

Connector 1	Connector 2	Cable
RO300	RO300	2MC75P

Part Nb	Length*	Packaging
CYCP12	2 m	1 unit
CYCP13	3 m	1 unit
CYCP15	5 m	1 unit
CYCP110	10 m	1 unit
CYCP115	15 m	1 unit
CYCP120	20 m	1 unit
CYCP125	25 m	1 unit

* Other lengths upon request

MINI DIN / 2 MALE BNC



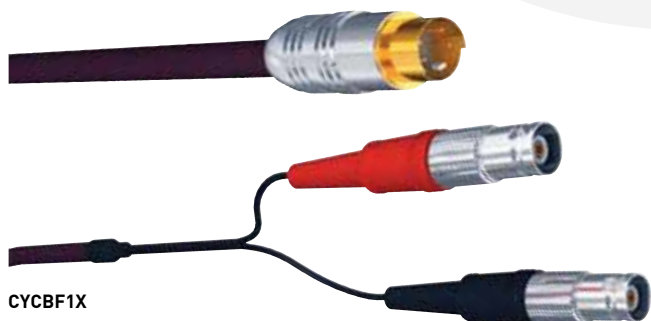
CYCB1X

Connector 1	Connector 2	Cable
RO300	DMC75HQ M50BRN M50BRR	2MC75P

Part Nb	Length*	Packaging
CYCB0120	0.20 m	1 unit
CYCB0150	0.50 m	1 unit
CYCB11	1 m	1 unit
CYCB12	2 m	1 unit

* Other lengths upon request

MINI DIN / 2 FEMALE BNC



CYCBF1X

Connector 1	Connector 2	Cable
RO300	DFC75HQ M50BRN M50BRR	2MC75P

Part Nb	Length*	Packaging
CYCBF0120	0.20 m	1 unit
CYCBF0150	0.50 m	1 unit
CYCBF11	1 m	1 unit
CYCBF12	2 m	1 unit

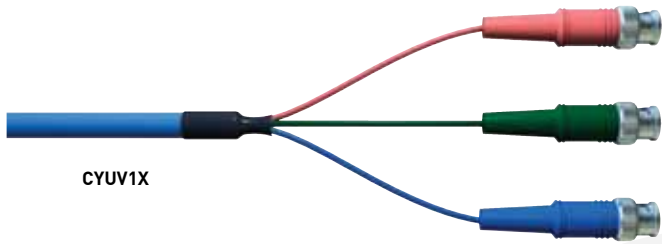
* Other lengths upon request

ON AIR Pro Cords

YUV VIDEO CORDS



BNC



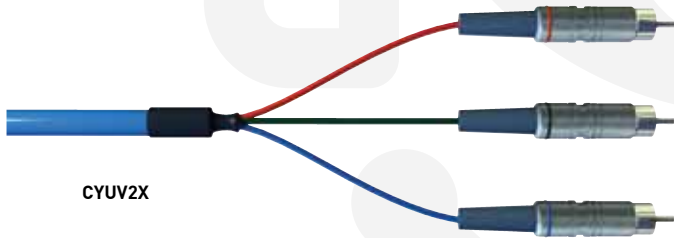
CYUV1X

Connector 1	Connector 2	Cable
DMC75HQ M50BRV M50BRR M50BRB	DMC75HQ M50BRV M50BRR M50BRB	AV3HD

Part Nb	Length*	Packaging
CYUV1025	0.25 m	1 unit
CYUV1050	0.50 m	1 unit
CYUV11	1 m	1 unit
CYUV12	2 m	1 unit
CYUV15	5 m	1 unit
CYUV110	10 m	1 unit
CYUV115	15 m	1 unit
CYUV120	20 m	1 unit
CYUV125	25 m	1 unit
CYUV130	30 m	1 unit

* Other lengths upon request

RCA



CYUV2X

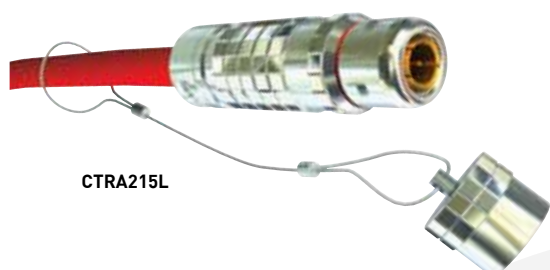
Connector 1	Connector 2	Cable
RZ071	RZ071	AV3HD

Part Nb	Length*	Packaging
CYUV2025	0.25 m	1 unit
CYUV2050	0.50 m	1 unit
CYUV21	1 m	1 unit
CYUV22	2 m	1 unit
CYUV25	5 m	1 unit
CYUV210	10 m	1 unit
CYUV215	15 m	1 unit
CYUV220	20 m	1 unit
CYUV225	25 m	1 unit
CYUV230	30 m	1 unit

* Other lengths upon request

BROADCAST VIDEO CORDS

TRIAX 8 CORDS

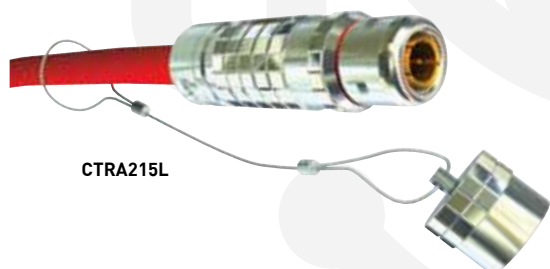


CTRA215L

Connector 1	Connector 2	Cable
FFA3T675CTAY92S	FFA3T675CTAY92S	TRIAX8
Part Nb	Length*	Packaging
CTR8215L	5 m	1 unit
CTR82110L	10 m	1 unit
CTR82125L	25 m	1 unit
CTR82150L	50 m	1 unit
CTR821100L	100 m	1 unit
CTR821150L	150 m	1 unit
CTR821200L	200 m	1 unit

* Other lengths upon request

TRIAX 11 CORDS



CTRA215L

Connector 1	Connector 2	Cable
FFA3T675CTAY11	FFA3T675CTAY11	TRIAX11
Part Nb	Length*	Packaging
CTR11215L	5 m	1 unit
CTR112110L	10 m	1 unit
CTR112125L	25 m	1 unit
CTR112150L	50 m	1 unit
CTR1121100L	100 m	1 unit
CTRB21150L	150 m	1 unit
CTRB21200L	200 m	1 unit

* Other lengths upon request

ON AIR Pro Cords

HIGHLY FLEXIBLE VGA CORDS



HD 15 MALE / MALE



Connector 1	Connector 2	Cable
SDB15HDP	SDB15HDP	AV5HD
Part Nb	Length*	Packaging
CMAVGA25	5 m	1 unit
CMAVGA210	10 m	1 unit
CMAVGA215	15 m	1 unit
CMAVGA220	20 m	1 unit
CMAVGA225	25 m	1 unit
CMAVGA230	30 m	1 unit

* Other lengths upon request

HD 15 MALE / FEMALE



Connector 1	Connector 2	Cable
SDB15HDP	SDB15HDS	AV5HD
Part Nb	Length*	Packaging
CMAVGA15	5 m	1 unit
CMAVGA110	10 m	1 unit
CMAVGA115	15 m	1 unit
CMAVGA120	20 m	1 unit
CMAVGA125	25 m	1 unit
CMAVGA130	30 m	1 unit

* Other lengths upon request

BNC / BNC



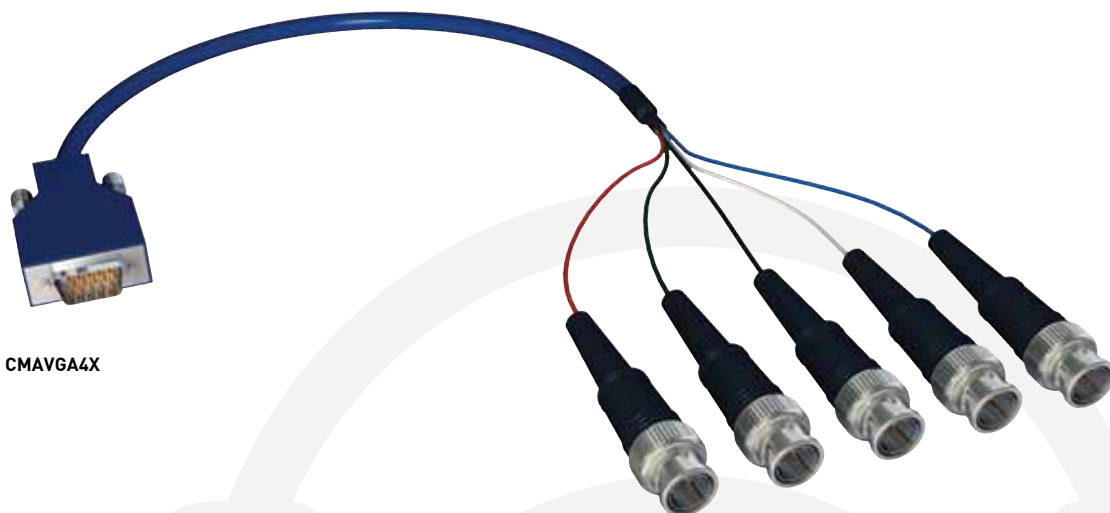
Connector 1	Connector 2	Cable
DMC75HQ	DMC75HQ	AV5HD
Part Nb	Length*	Packaging
CBAVGA35	5 m	1 unit
CBAVGA310	10 m	1 unit
CBAVGA315	15 m	1 unit
CBAVGA320	20 m	1 unit
CBAVGA325	25 m	1 unit
CBAVGA330	30 m	1 unit

* Other lengths upon request

VGA VIDEO CORDS



HD 15 MALE / BNC



CMAVGA4X

Connector 1	Connector 2	Cable
SDB15HDP	DMC75HQ	AV5HD
Part Nb	Length*	Packaging
CMAVGA45	5 m	1 unit
CMAVGA410	10 m	1 unit
CMAVGA415	15 m	1 unit
CMAVGA420	20 m	1 unit
CMAVGA425	25 m	1 unit
CMAVGA430	30 m	1 unit

* Other lengths upon request

ON AIR Pro Cords

AUDIO XLR CORDS



MALE XLR / FEMALE XLR



CAMXX1XXP

Connector 1	Connector 2	Cable
MALE XLR	FEMALE XLR	MICRO 2 x 0.22 mm ²
Part Nb	Length	Packaging
CAMXX11P	1 m	1 unit
CAMXX13P	3 m	1 unit
CAMXX16P	6 m	1 unit
CAMXX110P	10 m	1 unit

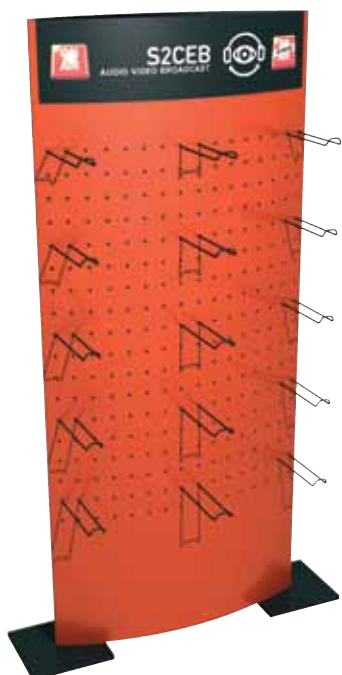
MALE XLR / MALE STEREO JACK 6.35



CAXJS1XP

Connector 1	Connector 2	Cable
MALE XLR	MALE STEREO JACK 6.35	MICRO 2 x 0.22 mm ²
Part Nb	Length	Packaging
CAMXJS11P	1 m	1 unit
CAMXJS13P	3 m	1 unit

CORDS STAND



AUDIO JACK CORDS



MALE STEREO JACK 3.50 – MALE STEREO JACK 3.50



CAMJJ2XX

Connector 1	Connector 2	Cable
MALE STEREO JACK 3.50 PLASTIC BODY	MALE STEREO JACK 3.50 PLASTIC BODY	2 x 0.22 mm ²
Part Nb	Length	Packaging
CAMJJ23P	3 m	1 unit
CAMJJ25P	5 m	1 unit

MALE STEREO JACK 3.50 – FEMALE STEREO JACK 3.50



CAMJJ1XX

Connector 1	Connector 2	Cable
MALE STEREO JACK 3.50 PLASTIC BODY	FEMALE STEREO JACK 3.50 PLAS- TIC BODY	2 x 0.22 mm ²
Part Nb	Length	Packaging
CAMJJ1102P	1.20 m	1 unit
CAMJJ15P	5 m	1 unit
CAMJJ110P	10 m	1 unit

INSERT MALE STEREO JACK 6.35 – DUAL MALE STEREO JACK 6.35



CAMNJS2J3XX

Connector 1	Connector 2	Cable
MALE STEREO JACK 6.35 BLACK METAL BODY	MALE STEREO JACK 6.35 BLACK METAL BODY	2 x 0.22 mm ²
Part Nb	Length	Packaging
CAMNJS2J32P	2 m	1 unit

ON AIR Pro Cords

AUDIO JACK CORDS



MALE MONO JACK 6.35 – MALE MONO JACK 6.35

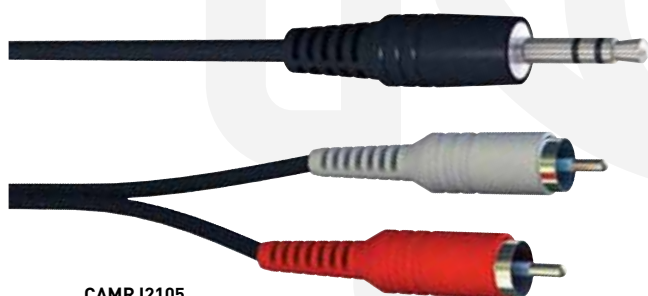


CAMJJ3X

Connector 1	Connector 2	Cable
MALE MONO JACK 6.35 METAL BODY	MALE MONO JACK 6.35 METAL BODY	2 x 0.22 mm ²

Part Nb	Length	Packaging
CAMJJ31P	1 m	1
CAMJJ33P	3 m	1
CAMJJ36P	6 m	1

MALE STEREO JACK 3.50– DUAL MALE CINCH

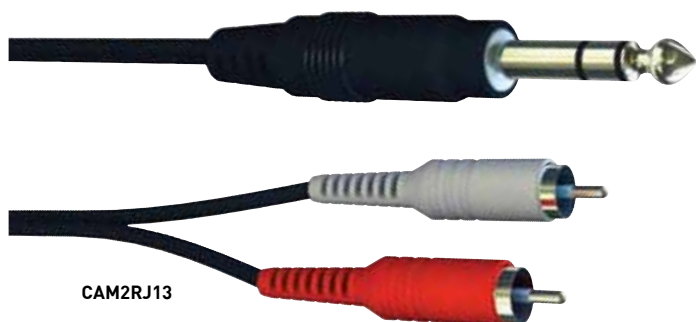


CAMRJ2105

Connector 1	Connector 2	Cable
MALE STEREO JACK 3.50 PLASTIC BODY	MALE RCA RED & WHITE PLASTIC BODY	2 x 0.22 mm ²

Part Nb	Length	Packaging
CAMRJ2105P	1.50 m	1
CAMRJ2205P	2.50 m	1
CAMRJ25P	5 m	1
CAMRJ2110P	10 m	1

MALE MONO JACK 6.35 – DUAL MALE CINCH



CAM2RJ13

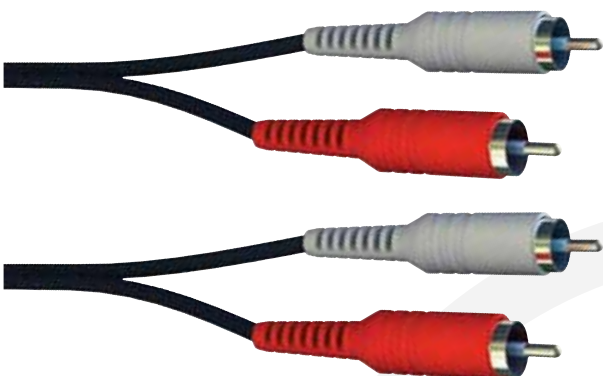
Connector 1	Connector 2	Cable
MALE STEREO JACK 6.35 PLASTIC BODY	MALE RCA RED & WHITE PLASTIC BODY	2 x 0.22 mm ²

Part Nb	Length	Packaging
CAM2RJ13P	3 m	1

CINCH AUDIO CORDS



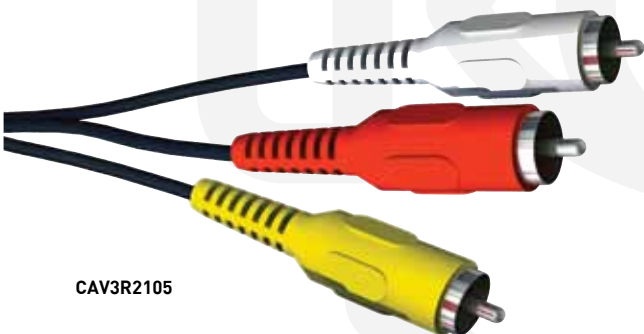
DUAL MALE CINCH – DUAL MALE CINCH



CAMRR1105

Connector 1	Connector 2	Cable
MALE RCA RED & WHITE PLASTIC BODY	MALE RCA RED & WHITE PLASTIC BODY	2 x 0.22 mm ²
Part Nb	Length	Packaging
CAMRR1105P	1.50 m	1
CAMRR15P	5 m	1

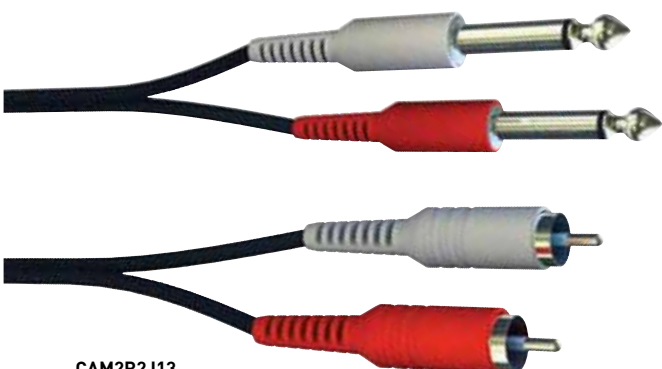
3 MALE CINCH – 3 MALE CINCH



CAV3R2105

Connector 1	Connector 2	Cable
MALE RCA RED, WHITE & YELLOW PLASTIC BODY	MALE RCA RED, WHITE & YELLOW PLASTIC BODY	3 x 0.22 mm ²
Part Nb	Length	Packaging
CAV3R2105	1.50 m	1

DUAL MALE CINCH – DUAL MALE MONO JACKS 6.35



CAM2R2J13

Connector 1	Connector 2	Cable
MALE RCA RED & WHITE PLASTIC	MALE MONO JACK 6.35 RED & WHITE PLASTIC	2 x 0.22 mm ²
Part Nb	Length	Packaging
CAM2R2J13P	3 m	1

ON AIR Pro Cords

FIBERS OPTIC CORDS



TOSLINK - TOSLINK



CFOTT105

Connector 1	Connector 2	
PLASTIC TOSLINK	PLASTIC TOSLINK	
Part Nb	Length	Packaging
CFOTT105P	1.50 m	1 unit

TOSLINK - JACK



CFOTJ105

Connector 1	Connector 2	
PLASTIC TOSLINK	PLASTIC JACK	
Part Nb	Length	Packaging
CFOTJ105P	1.50 m	1 unit

JACK - JACK



CFOJJ105

Connector 1	Connector 2	
PLASTIC JACK	PLASTIC JACK	
Part Nb	Length	Packaging
CFOJJ105P	1.50 m	1 unit

S.VIDEO CORDS: MINI DIN - MINI DIN



Connector 1	Connector 2	
MINI DIN MALE METAL GOLD CONTACT	MINI DIN MALE METAL GOLD CONTACT	
Part Nb	Length	Packaging
CYCM110	10 m	1 unit



HDMI CORDS: **MALE - MALE**



CHDMI

Connector 1		Connector 2	
HDMI MALE 19 PINS FERRITE		HDMI MALE 19 PINS FERRITE	
Part Nb	Length	Packaging	
CHDMI12	2 m	1 unit	
CHDMI15	5 m	1 unit	
CHDMI110	10 m	1 unit	
CHDMI115	15 m	1 unit	

DVI CORDS: **MALE - MALE**

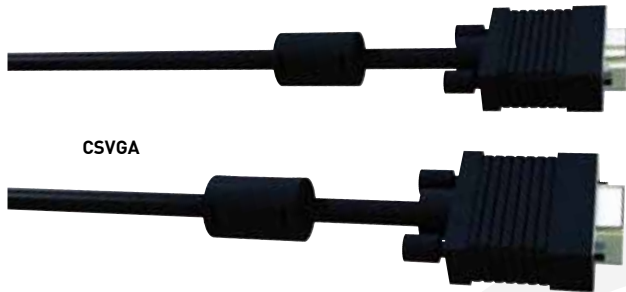
Connector 1		Connector 2	
DVID MALE 24 PINS		DVID MALE 24 PINS	
Part Nb	Length	Packaging	
CDVID108	1.80 m	1 unit	
CDVID13	3 m	1 unit	
CDVID15	5 m	1 unit	
CDVID110	10 m	1 unit	
CDVID115	15 m	1 unit	

ON AIR Pro Cords



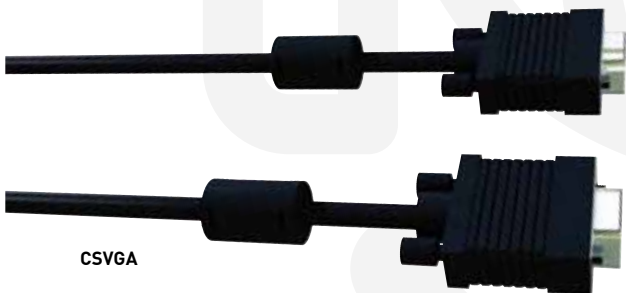
VGA CORDS

MALE - MALE



Connector 1	Connector 2	
HD 15 MALE MOLDED FERRITE	HD 15 MALE MOLDED FERRITE	
Part Nb	Length	Packaging
CSVGA12	2 m	1 unit
CSVGA13	3 m	1 unit
CSVGA15	5 m	1 unit
CSVGA110	10 m	1 unit
CSVGA115	15 m	1 unit
CSVGA120	20 m	1 unit
CSVGA130	30 m	1 unit

MALE - FEMALE



Connector 1	Connector 2	
HD 15 MALE MOLDED FERRITE	HD 15 FEMALE MOLDED FERRITE	
Part Nb	Length	Packaging
CSVGA22	2 m	1 unit
CSVGA23	3 m	1 unit
CSVGA25	5 m	1 unit
CSVGA210	10 m	1 unit
CSVGA215	15 m	1 unit
CSVGA220	20 m	1 unit
CSVGA230	30 m	1 unit

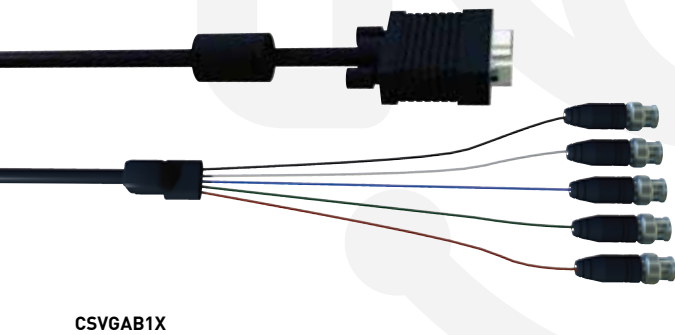


HD 15 – MALE STEREO JACK 3.50



Connector 1		Connector 2	
HD 15 MALE MOLDED + FERRITE STEREO JACK 3.50 – 40 CM		HD 15 MALE MOLDED + FERRITE STEREO JACK 3.50 – 70 CM	
Part Nb	Length	Packaging	
CSVGAJ12	2 m	1	
CSVGAJ13	3 m	1	
CSVGAJ15	5 m	1	
CSVGAJ110	10 m	1	
CSVGAJ115	15 m	1	
CSVGAJ120	20 m	1	

HD 15 MALE – BNC



Connector 1		Connector 2	
HD 15 MALE MOLDED + FERRITE		BNC MALE	
Part Nb	Length	Packaging	
CSVGAB12	2 m	1	

Accessories





19" PANELS

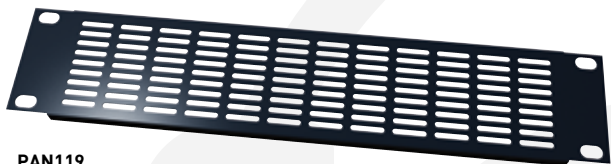
EMPTY PANELS



PAN119

Height	Part Nb
1 U	PAN119
2 U	PAN219
3 U	PAN319
4 U	PAN419

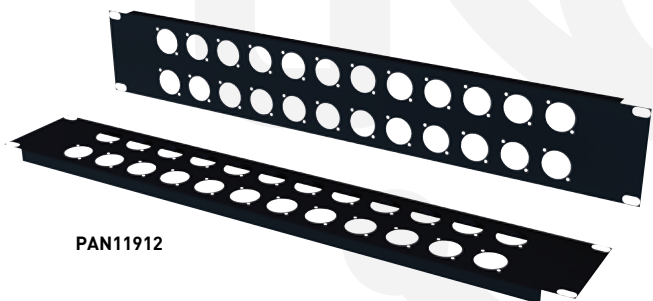
PANELS WITH VENTILATION



PAN119

Height	Part Nb
1 U	PAN1191V
2 U	PAN2192V
3 U	PAN3193V
4 U	PAN4194V

PANELS FOR D SERIES



PAN11912

Height	Number of holes	Part Nb
1 U	12	PAN11912
1 U	16	PAN11916
2 U	32	PAN21932

PANELS WITH BNC MOUNTING HOLES



PAN11916T

Height	Number of holes	Part Nb
1 U	16	PAN11916T
1 U	32	PAN11932T

PANELS FOR RECTANGULAR MULTI-PIN PLUGS



PAN219RP

Height	Number of holes	Part Nb
2 U	2 holes for rectangular plug 40 pins	PAN2192RP
2 U	2 holes for rectangular plug 108 pins	PAN219RG

19" PANELS

PANELS FOR ROUND MULTI-PIN PLUGS



PAN219CP

Height	Number of holes	Part Nb
2 U	2 holes for round multi-pin plug Ø 60 mm	PAN 2192CP
2 U	2 holes for round multi-pin plug Ø 71 mm	PAN219CG

REAR TIE BAR



PANPCA

Height	Part Nb
Rear tie bar – 95 mm	PANPCA

STAGE BOXES: CLASSIC MODELS



SB32

Number of holes D series	Type of output hole	Dimensions W x H x D	Part Nb
8	1 round hole	290 x 90 x 75	SB8
16	1 rectangular hole	290 x 105 x 75	SB16
24	1 rectangular hole	290 x 180 x 75	SB24
32	1 rectangular hole	290 x 265 x 75	SB32

STAGE BOXES: RACK BOXES



SB322R

Number of holes D series	Type of output hole	Number of units	Part Nb
32	2 round holes	5 U	SB322C
40	2 round holes	6 U	SB402C
48	4 round holes	8 U	SB484C

CHARACTERISTICS

- Stage box for rack mounting, fly cases.
- Removable handles
- Highly modular inputs.
- Supplied with set of blanking plates

Number of holes D series	Type of output hole	Number of units	Part Nb
32	2 rectangular holes	5 U	SB322R
40	2 rectangular holes	6 U	SB402R
48	4 rectangular holes	8 U	SB484R

STAGE BOXES

MODULAR SERIES



SB8192

- Range of modular stage boxes for 19" panels.
- Boxes can be chosen according to your needs in combination with our 19" panels.

Height	Part Nb
2	SB192
3	SB193
4	SB194
5	SB195
6	SB196

SHOW BOX



SB242C

- Ideal box for on-stage performances.
- Sophisticated design: round contours, embedded screw heads, black mat epoxy surface coating, number coding of holes.
- Easy handling: ergonomic transport handle, rubber feet, and large base width to protect the multi-pin connector against shocks.

Number of holes d series	Type of output hole	Part Nb
8	Round + rectangular	SB8N
12	Round + rectangular	SB16N
24	Round + rectangular	SB24N
32	Round + rectangular	SB32N

ACCESSORIES



MAGNET



SB0BT37



SB0BT28



SB0BT

Description	Dimensions – W x H	Part Nb
White magnetic reusable label for identification on patches and boxes	440 x 8	MAGNET

Type of output hole	Part Nb
Blanking plate for rectangular plug	SB0BT
Adapter plate for cable gland Ø 22	SB0BT22
Adapter plate for cable gland Ø 28	SB0BT28
Adapter plate for cable gland Ø 37	SB0BT37

LOCKABLE RACK-MOUNT DRAWERS



TIR219F

Description	Height	Part Nb
Black steel drawer	2 U	TIR219F
Black steel drawer	3 U	TIR319F
Black steel drawer	4 U	TIR419F

RACK-MOUNT SHELVES



ETA0119

Description	Height	Dimensions W x H x D	Part Nb
Black steel shelf	1 U	443 x 44 x 300	ETA0119
Black steel shelf	2 U	443 x 88 x 300	ETA0219
Black steel shelf	3 U	443 x 132 x 300	ETA0319

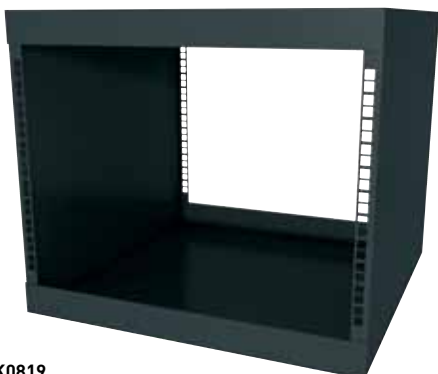
BERCEAUX



ETA0119R

Description	Height	Dimensions W x H x D	Part Nb
Black steel cradle	2 U	440 x 88 x 250	ETA0219R
Black steel cradle	3 U	440 x 132 x 250	ETA0319R

RACKS 19"



RACK0819

Description	Height	Dimensions W x H x D	Part Nb
Steel black rack	8 U	483 x 352 x 400	RACK0819
Steel black rack	12 U	483 x 528 x 400	RACK1219
Steel black rack	16 U	483 x 704 x 400	RACK1619

RACKS AND CABINETS: **TECHNIC SERIES**



BS4288G

CHARACTERISTICS

- Technic 19" Rack
- Working load 600 kg
- Front and rear 19" mounting posts adjustable in depth.
- Removable side panels
- Reversible front door
- 3 point locking mechanism with handle on front door
- Key lock on side panels
- Multiple secured cable entry points
- Leveling feet
- Top providing maximum dust protection

Version width 800:

- Front and rear swing doors
- Fitted with 5 brush cable entries

Colors:

- Panels: light grey – RAL 7035
- Posts: anthracite grey – RAL 7016

Description	Height	Dimensions – W x H	Part Nb
Technic 19" rack	26 U	600 x 600	BS 2666 G
Technic 19" rack	32 U	600 x 600	BS 3266 G
Technic 19" rack	32 U	800 x 800	BS 3288 G
Technic 19" rack	42 U	600 x 600	BS 4266 G
Technic 19" rack	42 U	600 x 800	BS 4268 G
Technic 19" rack	42 U	800 x 600	BS 4286 G
Technic 19" rack	42 U	800 x 800	BS 4288 G
Technic 19" rack	42 U	800 x 1000	BS 42810 G
Technic 19" rack	47 U	800 x 800	BS 4788 G

RACKS AND CABINETS

19" PANELS



MMC PFB 1UG



MMC PF 1U 4CROG

Description	Height	Part Nb
Bush cable entry panel	1 U	MMC PFB 1UG
Cable guide panel 4 hooks	1 U	MMC PF 1U 4CROG

FAN UNITS



49B1U2V



BTHERMOST

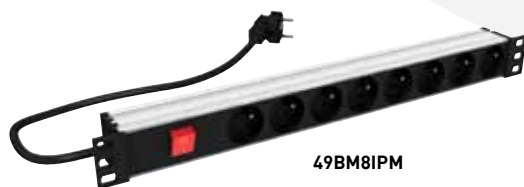
Description	Part Nb
2 fan unit + power supply	BV 2
4 fan unit + power supply	BV 4
19" 1U rack-mount cooling unit 2 fans	49 B1U2V
19" 1U rack-mount cooling unit 4 fans	49 B1U2V
Thermostat for fan unit	BTHERMOST

LIGHTING



Description	Part Nb
19" light bar	BLAMP
19" 19" light bar with switch	BLAMP I

POWER SUPPLY RAILS



49BM8IPM

Description	Material	No of outlets	Part Nb
19" power supply rail – removable retaining brackets – standard French	Aluminium	9	49BM9PM
19" power supply rail with inter – removable retaining brackets – standard French	Aluminium	8	49BM8I
19" power supply rail – standard French	Plastic	7	49BP7
19" power supply rail with inter – standard French	Plastic	6	49BP6

FIBER OPTIC SHELF



- Closing / opening with captive clips
- Fitted with coiling kit
- Fitted with fastening screws for LC and SC adapters
- Cable blocking system
- Depth adjustment
- Mount drawers 50% fitted with adapters and 50% fitted with blanking plates

Description	Nb of fitted ports	Nb of ports to be fitted	Height	Nb of fibers	Part Nb
19" fiber optic patch drawer for SC connectors		12 SC duplex	1 U	24	49TO1SC12G
19" fiber optic patch drawer for SC connectors	6 SC duplex	6 SC duplex	1 U	24	49TO1SC6G
19" fiber optic patch drawer for LC connectors		24 LC duplex	1 U	48	49TO1LC24G
19" fiber optic patch drawer for LC connectors	12 LC duplex			48	49TO1LC12G

19" FIXED WALL-MOUNT CABINET



49K10P600

CHARACTERISTICS

- Fixed cabinet
- Depth 600 mm
- Working load 25 kg
- 19" posts adjustable in depth.
- Fixed 19" rear posts over 5U.
- Removable side panels
- Front door in Securit glass
- IP20 protection grade according to EN60529
- Color: light grey – RAL 7035

Description	Height	Part Nb
2-section cabinet – depth 600 mm	10 U	49K 10 P600
2-section cabinet – depth 600 mm	16 U	49K 16 P600
2-section cabinet – depth 600 mm	22 U	49K 22 P600

19" SWING-OUT WALL-MOUNT CABINET



49K07P5003P

CHARACTERISTICS

- Swing-out cabinet
- Depth 500 mm
- Working load: 20 to 25 kg
- 19" posts adjustable in depth – 4 positions.
- Fixed 19" rear posts over 5U.
- Detachable bottom to facilitate wall mounting
- Reversible front door in Securit glass – 180° opening angle
- IP20 protection grade according to EN60529
- Color: light grey – RAL 7035

Description	Height	Part Nb
3-section cabinet – depth 500 mm	7 U	49K 07 P500 3P
3-section cabinet – depth 500 mm	10 U	49K 10 P500 3P
3-section cabinet – depth 500 mm	13 U	49K 13 P500 3P
3-section cabinet – depth 500 mm	16 U	49K 16 P500 3P

AUDIO AND VIDEO WALL PLATES 45 X 45

XLR WALL PLATES



AMX1N

Description	Connector	Part Nb
Wall plate with D Series footprint	-	AMX1N
Wall plate with female XLR 3 pins socket	NC 3 FDL1	AMXF 3N
Wall plate with female XLR 5 pins socket	NC 5 FDL1	AMXF 5 N
Wall plate with female XLR 3 pins socket, fitted with terminal block	-	AMX1 CI

XLR WALL PLATES WITH CORDS

Connector 1	Connector 2	Cable
AMXF3N	NC3MX	VIPER

Description	Length*	Part Nb
XLR wall plate with audio cord	0.20 m	AMX1020N
XLR wall plate with audio cord	1 m	AMX11N
XLR wall plate with audio cord	2 m	AMX12N
XLR wall plate with audio cord	5 m	AMX15N
XLR wall plate with audio cord	10 m	AMX110N

* Other lengths upon request

RCA WALL PLATES



AM2R1N



AM2R1B1N

Description	Connector	Part Nb
Wall plate with female Cinch socket – yellow	RZ61CJ	AM1RJ
Wall plate with female Cinch sockets – white and red	RZ61CB -RZ61CR	AM2R1N
Wall plate with female Cinch white and red sockets and 1 female BNC socket	RZ61CB -RZ61CR EB75HQ	AM2R1B1N

RCA WALL PLATES WITH CORDS

Connector 1	Connector 2	Cable
AM2R1N	RZ07I	DUAL22

Description	Length*	Part Nb
2 Cinchs wall plate with audio cord	0.20 m	AM2R1020N
2 Cinchs wall plate with audio cord	1 m	AM2R11N
2 Cinchs wall plate with audio cord	2 m	AM2R12N
2 Cinchs wall plate with audio cord	5 m	AM2R15N
2 Cinchs wall plate with audio cord	10 m	AM2R110N

* Other lengths upon request

AUDIO AND VIDEO WALL PLATES 45 X 45

JACK WALL PLATES

Description	Connector	Part Nb
Wall plate with female Jack socket 3.50 mm	RK 05 S	AMJ 351
Wall plate with female Jack socket 3.50 mm, fitted with terminal block		AMJ 351 CI

JACKS 3.50 STEREO WALL PLATES WITH CORDS

Connector 1	Connector 2	Cable
AMJ351	RJ45M	CA40

Description	Length*	Part Nb
Jack wall plate with Jack cord	0.20 m	AMJ 2020
Jack wall plate with Jack cord	1 m	AMJ 21
Jack wall plate with Jack cord	2 m	AMJ 22
Jack wall plate with Jack cord	5 m	AMJ 25
Jack wall plate with Jack cord	10 m	AMJ 210

* Other lengths upon request

BNC WALL PLATES



AMB1N

Description	Connector	Part Nb
Wall plate with female BNC soldering socket	EB 75 HQ	AMB1B1N
Wall plate with female BNC soldering socket, fitted with terminal block		AMB1B1NCI

BNC WALL PLATES WITH CORDS

Connector 1	Connector 2	Cable
AMB1N	DMC75 HQ + M50BRN	MC75

Description	Length*	Part Nb
BNC wall plate with video cord	0.20 m	AMB 2020
BNC wall plate with video cord	1 m	AMB 21
BNC wall plate with video cord	2 m	AMB 22
BNC wall plate with video cord	5 m	AMB 25
BNC wall plate with video cord	10 m	AMB 210

* Other lengths upon request

VGA WALL PLATES



AMVGACI

Description	Connector	Part Nb
Wall plate with female HD15 socket	SDB15HDS	AMVGA1N
Wall plate with female/female VGA adapter	AMVGGAFF	AMTVGA1N
Wall plate with female HD15 socket and et 2 female RCA sockets	SDB15HDS RZ61CB + RZ61CR	AMVGA2R1N
Wall plate with female HD15 socket and 1 female stereo Jack socket 3.50	SDB15HDS RK05S	AMVGAJ1N
Plastron avec embase femelle VGA à bornier	-	AMVGACI

VGA WALL PLATES ON TERMINAL BLOCK

Description	Part Nb
Wall plate with female VGA socket, fitted with terminal block	AMVGACI

VGA WALL PLATES WITH CORDS

Connector 1	Connector 2	Cable
AMVGA 1N	SDB15HDP + CAPOTVGA	AV5HD

Description	Length*	Part Nb
VGA wall plate with cord	1 m	AMVGA 11
VGA wall plate with cord	2 m	AMVGA 12
VGA wall plate with cord	3 m	AMVGA 13
VGA wall plate with cord	5 m	AMVGA 15
VGA wall plate with cord	10 m	AMVGA 110

* Other lengths upon request

VGA WALL PLATES WITH MOULDED CORDS

Connector 1	Connector 2	Cable
AMVGA1N	Fiche Male VGA	CSVGA 1x

Désignation	Longueur	Référence
VGA wall plate with cord	1 m	AMCSVGA 11
VGA wall plate with cord	2 m	AMCSVGA 12
VGA wall plate with cord	3 m	AMCSVGA 13
VGA wall plate with cord	5 m	AMCSVGA 15
VGA wall plate with cord	10 m	AMCSVGA 110

* Other lengths upon request

VGA & JACK WALL PLATES WITH MOLDED VGA & JACK CORDS

Connector 1	Connector 2	Cable
AMVGAJ1N	Male VGA cable plug + Male stereo Jack 3.50	CSVGAJ 1x

Description	Length*	Part Nb
Female VGA wall plate + Female stereo Jack 3.50 with molded cord	1 m	AMCSVGAJ 11
Female VGA wall plate + Female stereo Jack 3.50 with molded cord	2 m	AMCSVGAJ 12
Female VGA wall plate + Female stereo Jack 3.50 with molded cord	3 m	AMCSVGAJ 13
Female VGA wall plate + Female stereo Jack 3.50 with molded cord	5 m	AMCSVGAJ 15
Female VGA wall plate + Female stereo Jack 3.50 with molded cord	10 m	AMCSVGAJ 110

* Other lengths upon request

Accessories

AUDIO AND VIDEO WALL PLATES 45 x 45

S.VIDEO



AMYC1N

Description	Connector	Part Nb
Wall plate with female S.VHS soldering socket	EB75HQ	AMYC1N

S.VIDEO WALL PLATES WITH CORDS

Connector 1	Connector 2	Cable
AMYC1N	RO300	2MC75P

Description	Length*	Part Nb
S.VHS wall plate with cord	1 m	AMYB21
S.VHS wall plate with cord	2 m	AMYB22
S.VHS wall plate with cord	5 m	AMYB25
S.VHS wall plate with cord	10 m	AMYB210

*Other lengths upon request

HDMI WALL PLATES



AMHDMICI

Description	Part Nb
Wall plate with angled female/female adapter	AMHDMIFF
Wall plate with female HDMI socket, fitted with terminal block	AMHDMICI

DVI WALL PLATES



AMDVICI

Connector 1	Connector 2	Part Nb
AM2R1N	RZ071	DUAL22

Description	Part Nb
Wall plate with DVID female/female adapter	AMDVIDFF
Wall plate with female DVI socket, fitted with terminal block	AMDVICI

BLANK WALL PLATE

Description	Part Nb
45 x 45 blanking wall plate	AM1N

CCTV BALUNS



500022

	Input connector	Output connector	Max. Link length	Part Nb
Balun for transmission of video and PTZ data	BNC	RJ 45	425 m	500007
Balun for transmission of video and PTZ data, and Pass thru power supply	BNC	RJ 45	670 m – video 106 m – power supply	500022
Balun for transmission of video data, and Power thru power supply	BNC	RJ 45	670 m – video 106 m – power supply	500024
Balun for transmission of video data, and Power thru power supply	BNC	Screw terminal block	670 m – video 170 m – power supply	500029
Active CCTV receiver with automatic gain, luminosity and contrast adjustment	BNC	Screw terminal block	1500 m	500015

VIDEO BALUNS



500021



500009

	Input connector	Output connector	Max. Link length	Part Nb
Balun for transmission of composite video	BNC	RJ 45	670 m	500000
Balun for transmission of composite video	BNC	Screw terminal block	670 m	500009
Mini Balun for transmission of composite video	BNC	Screw terminal block	670 m – video 106 m – power supply	500023
Balun for transmission of video data, and Power thru power supply	BNC	Screw terminal block	670 m – video 170 m – power supply	500021
Balun for transmission of 3 RVB video signals	3 x BNC	RJ 45	150 m	500002
Balun for transmission of 4 composite or component video signals	4 x RCA	RJ 45	670 m – composite video 152 m – component video	500032
Balun for transmission of 4 composite or component video signals	4 x BNC	RJ 45	670 m – composite video 152 m – component video	500037

S.VIDEO BALUNS

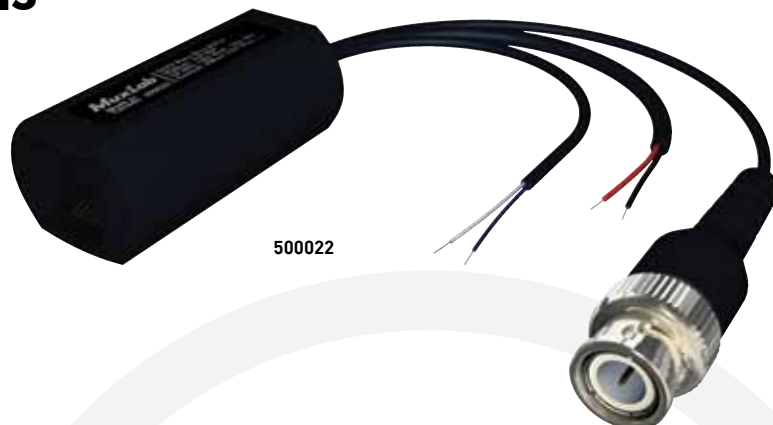


500016

	Input connector	Output connector	Max. Link length	Part Nb
Balun for transmission of S.VIDEO signals	S.VHS	RJ 45	305 m	500016
Balun for transmission of S.VIDEO and 2 audio signals	S.VHS + 2 RCA	RJ 45	305 m	500017

MUXLAB

VGA BALUNS



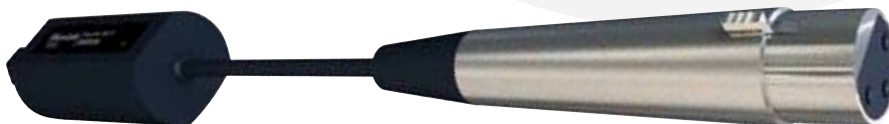
500022

	Input connector	Output connector	Max. Link length	Part Nb
Balun for VGA transmission with 20 cm cord – PC side	Male HD 15	RJ45	105 m	500010
Balun for VGA transmission – PC side	Female HD 15	RJ45	105 m	500011
Balun for VGA transmission with 20 cm cord – Monitor side	Female HD 15	RJ45	105 m	500014
Active Baluns Kit – 1 receiver + 1 transmitter	Female HD 15	RJ45	180 m	500140
VGA Hub – 1 input, 4 outputs	Female HD 15	4 x RJ45	-	500150

HDMI BALUNS

	Input connector	Output connector	Max. Link length	Part Nb
HDMI Kit – 1 receiver + 1 transmitter	Female HDMI	2 x RJ45	60 m @ 1080i 30 m @ 1080p (Cat.6)	500400
HDMI Switch Kit – 1 receiver + 1 transmitter– 3 inputs, 1 output	3 x female HDMI	2 x RJ45	30 m @ 1080p (Cat.5E)	500410

AUDIO BALUNS



500026

	Input connector	Output connector	Max. Link length	Part Nb
Balun for transmission of mono or stereo analog audio signals	RCA	2 x screw terminal block	1500 m	500019
Balun for transmission of digital SPIDF audio signals	RCA	2 x screw terminal block	183 m	500020
Balun for transmission of analog or digital audio signals	Male XLR	3 x screw terminal block	1500 m – analog audio 400 m – digital audio	500025
Balun for transmission of analog or digital audio signals	Female XLR	3 x screw terminal block	1500 m – analog audio 400 m – digital audio	500026
Balun for transmission of stereo audio signals	2 RCA	RJ 45	1500 m	500027
Balun for transmission of HI-FI stereo audio signals	2 RCA	RJ 45	1000 m	500028
Balun for transmission of 4 analog audio signals	4 RCA	RJ 45	1500 m	500033

SCHILL CABLE DRUMS

IT SERIES



Description		Colors	Part Nb	
Drum without blanking cover	Plastic	Orange	ITxx	
Part Nb	Outer ø (mm)	Core ø (mm)	Drum width (mm)	Weight (kg)
IT300	305	135	125	2.50
IT380	385	178	142	4.30

HT SERIES



Description		Colors	Part Nb	
Drum without blanking cover	Metal	Black	HTxx	
Part Nb	Outer ø (mm)	Core ø (mm)	Drum width (mm)	Weight (kg)
HT300	300	135	125	3.20
HT380	380	178	142	5.90
HT381	380	240	170	6.00
HT480	460	178	142	7.80
HT481	460	240	170	8.70
HT482	460	320	170	10.00
HT582	580	320	170	13.90

GT SERIES



Description		Colors	Part Nb	
Drum without blanking cover	Hardened rubber	Black	GTxx	
Part Nb	Outer ø (mm)	Core ø (mm)	Drum width (mm)	Weight (kg)
GT310	310	170	112	2.10
GT380	380	236	166	4.15
GT450	445	295	177	6.40

SK 46 SERIES



Description		Colors	Part Nb	
High capacity drum	Metal	Black	SK46xx	
Part Nb	Outer ø (mm)	Core ø (mm)	Drum width (mm)	Weight (kg)
SK4600	460	280	250	15.50
SK4601	460	280	350	16.60
SK4602	460	280	500	18.60

SCHILL CABLE DRUMS: SK 47 SERIES



SK 47 SERIES

Description	Colors	Part Nb	
High capacity cable drum with protective frame	Metal	Black	SK47xx

Part Nb	Outer ϕ (mm)	Core ϕ (mm)	Drum width (mm)	Weight (kg)
SK4700	460	280	250	17.90
SK4701	460	280	450	19.20

SCHILL CABLE DRUMS: OPTIONS



KOMB50



KOMBRM



TW46XX

Description	Part Nb
Blanking covers GT Series cable drums	KOMBxxSO
Cable coiling support for GT Series cable drums	KOMBxxRM
Transport cart for SK 460x Series cable drums	TW460x
Transport cart for SK 470x Series cable drums	TW470x

CABLE DRUMS: CD SERIES



CD SERIES

Description	Colors	Part Nb	
Trapezoidal cable drum frame	Metal	Black	CD1
Trapezoidal cable drum frame	Metal	Black	CD2
Trapezoidal cable drum frame- removable crank handle	Metal	Black	CD3

Part Nb	Outer ϕ (mm)	Core ϕ (mm)	Drum width (mm)	Weight (kg)
CD1	320	450	450	12.00
CD2	90	230	230	13.50
CD3	125	150	300	14.50

CABLE DRUM CAPACITY

Part Nb	ϕ 7.00 mm cable	ϕ 10.00 mm cable	ϕ 12.00 mm cable	ϕ 15.00 mm cable	ϕ 20.00 mm cable	ϕ 30.00 mm cable
IT300	140 m	66 m	48 m	27 m	-	-
IT380	246 m	123 m	77 m	47 m	-	-
GT310	120 m	57 m	33 m	21 m	-	-
GT380	220 m	107 m	74 m	42 m	23 m	9 m
GT450	290 m	138 m	97 m	63 m	27 m	11 m
HT300	120 m	63 m	41 m	27 m	-	-
HT380	243 m	121 m	76 m	46 m	30 m	10 m
HT381	232 m	115 m	67 m	42 m	23 m	9 m
HT480	400 m	196 m	121 m	81 m	49 m	16 m
HT481	392 m	203 m	137 m	83 m	43 m	16 m
HT482	292 m	145 m	85 m	53 m	29 m	12 m
HT582	609 m	311 m	197 m	124 m	67 m	28 m
SK4600	487 m	261 m	162 m	111 m	55 m	27 m
SK4601	696 m	365 m	235 m	160 m	78 m	38 m
SK4602	988 m	522 m	332 m	229 m	116 m	55 m
SK4700	487 m	261 m	162 m	111 m	55 m	27 m
SK4701	890 m	469 m	300 m	208 m	102 m	52 m

Technical informations



General cable characteristics

MATERIAL CHARACTERISTICS

The environmental constraints of each application make it possible to precisely define the most appropriate material. This principle generally applies to all cable families.

PVC: Polyvinyl chloride
 PE: Polyethylene
 PUR: Polyurethane
 LSZH: Low Smoke Zero Halogen
 SI: Silicon rubber
 FEP: Fluorinated ethylene propylene
 PTFE: Polytetrafluoroethylene

Material	PVC	PE	PUR	LSZH	SI	FEP	PTFE
MECHANICAL PERFORMANCE							
Flexibility	⊙	⊙	●	⊙	●	⊙	⊙
Tensile strength	⊙	⊙	●	⊙	○	⊙	⊙
Compressive strength and shock resistance	⊙	⊙	●	⊙	○	⊙	●
Abrasion resistance	⊙	⊙	●	⊙	○	⊙	○
Tear strength	⊙	⊙	●	○	○	⊙	⊙
THERMAL PERFORMANCE							
Expansion and retractability	⊙	⊙	⊙	⊙	●	○	○
Aging due to cold and temperature changes	⊙	⊙	⊙	⊙	●	●	●
Brittleness at low temperatures	⊙	⊙	●	⊙	●	●	●
CHEMICAL AND ENVIRONMENTAL PROPERTIES							
Oil and hydrocarbons	⊙	⊙	●	⊙	○	●	●
Acid	⊙	⊙	⊙	⊙	○	●	●
Ozone	●	●	●	●	⊙	●	●
UV	⊙	⊙	●	⊙	⊙	●	●
Water	⊙	●	⊙	⊙	○	⊙	⊙

- Perfectly suited
- ⊙ Suited
- Unsited

MATERIAL CHARACTERISTICS

In compliance with European Directives 2002/95/EC of 27 January 2003 (Restriction on the Use of Hazardous Substances / RoHS) and 2002/96/EC of 27 January 2003 (Waste Electrical and Electronic Equipment / WEEE), the following substances must be eliminated from electrical equipments, especially electric cables and connectors:

- Lead
- Cadmium
- Mercury
- Hexavalent chromium
- Polybrominated biphenyls
- Polybrominated diphenyl ethers

All products of CAE Group are compliant with the RoHS Directive.

FIRE RESISTANCE

DEFINITION

The applicable standard defines 3 categories:

Category CR1: The NF C 32-070 standard (equivalent of NF C 32-310) defines the "fire resistance".

Category C1: The NF C 32-070 standard defines the product as "Fire retardant".

Category C2: The NF C 32-070 standard (equivalent of NF C 32-310) defines the product as "Flame retardant".

"ZH": ZERO HALOGEN

Also known as "HF" for "Halogen Free", this qualification is used for cables complying with the following standards:

- The IEC 60754-1 standard (EN 50267-2-1) describes a method for measuring the amount of halogen acid gas evolved during combustion.
- The IEC 60754-2 standard (EN 50267-2-2) describes a method for determining the degree of acidity (pH) and the conductivity of gases evolved during combustion.

“LS”: LOW SMOKE

This name is used in the IEC 61034-1 and IEC 61034-2 (EN 50268-1 and -2) standards. These standards describe a method for measuring the smoke density of cables burning under defined conditions.

“LSZH”: LOW SMOKE ZERO HALOGEN

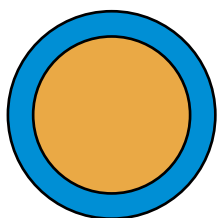
A cable is awarded the label “LSZH” if it simultaneously satisfies the following 4 criteria:

- pH measurement of gases evolved during: $\text{pH} > 4.3$
- Conductivity measurement of gases evolved during combustion: $< 10 \mu\text{S}/\text{mm}$
- Amount of halogen acid gas $< 0.5\%$ of gases evolved during combustion
- Luminous transmittance $> 60\%$

“LSLH”: LOW SMOKE LOW HALOGEN

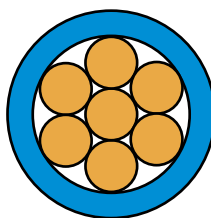
“LSLH” cables are made from low halogen emission materials. The smoke from the combustion of these materials has a high light transmittance (i.e. low opacity), but do not necessarily comply with the standard criteria characterising “LSZH” cables.

COPPER TYPE CONDUCTOR



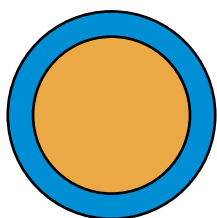
RIGID

Advantage: Good data transmission performance
Disadvantage: Limited flexibility



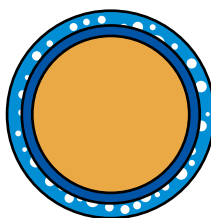
FLEXIBLE

Advantage: Flexibility
Disadvantage: High insertion loss



HIGH DENSITY PE

Advantage: Weak dielectric constant and frequency stability



SKIN-FOAM-SKIN PE

Advantage: Weak dielectric constant and frequency stability
Disadvantage: Low crush resistance

DIAMETER, SECTION AND AWG

Conductor gauge (USA)			Nominal of equivalent single strand			Nominal conductor wire section		
AWG	mm	mm ²	AWG	mm	mm ²	AWG	mm	mm ²
30	0.254	0.0507	19	0.912	0.653	8	3.264	8.367
29	0.287	0.0647	18	1.02	0.823	7	3.665	10.55
28	0.320	0.0804	17	1.15	1.04	6	4.115	13.30
27	0.361	0.102	16	1.29	1.31	5	4.620	16.77
26	0.404	0.128	15	1.45	1.65	4	5.189	21.15
25	0.455	0.162	14	1.63	2.08	3	5.827	26.67
24	0.511	0.205	13	1.83	2.63	2	6.543	33.62
23	0.574	0.259	12	2.05	3.31	1	7.348	42.41
22	0.643	0.324	11	2.30	4.17	1/0	8.252	53.49
21	0.724	0.412	10	2.588	5.261	2/0	9.266	67.43
20	0.813	0.519	9	2.906	6.631	3/0	10.40	85.01
						4/0	11.68	107.2

General cable characteristics

METALS TABLE

The choice of the metal for the cable core depends on the application.
The best compromise is sought between the cost of the metal and its characteristics as a conductor.

Core	Max. temperature	Conductivity	Corrosion resistance	Price
Copper	130 °C	+++	+	+
Tin-plated copper	180 °C	+++	++	++
Silver-plated copper	205 °C	+++	++	++++
Nickel-plated copper	260 °C	++	+++	+++
Nickel	500 °C	+	+++	+++++

ANNEALED COPPER (STANDARD)

This heat treatment improves the flexibility of copper and gives it better resistance to repeated bending.

TIN-PLATED COPPER

Allows to weld cores more easily and protects the copper from oxidation.

SILVER-PLATED COPPER

The fine silver plating on copper increases the thermal as well as corrosion resistance of the cable.

SHIELDS OR SCREENS

Data cables must be shielded (or screened) to protect them from interferences. The protective screen is selected on the basis of the type of disturbance to which the cable is subjected. In all cases and irrespective of the screen selected, the protection is effective only if it is physically appropriately grounded.

ALUMINISED POLYESTER FILM (ALU FOIL)

The aluminium side of the foil is in constant contact with the continuity wire (or drain wire).

COPPER BRAID

Protects the cable from low frequencies (example: proximity to AC). Also suited to protect cables carrying high frequency signals.

SPIRAL SHIELDING

Protects the cable from low frequencies giving it flexibility and good dynamic behaviour, which is useful in audio applications, for example.

Twisted pair cables

STRUCTURE

A twisted pair cable is a symmetrical transmission line, which allows the propagation of an analogue or digital electrical signal. It consists of an assembly of insulated conductors twisted with each other. An outer jacket covers the unit.

These cables have two main characteristics:

Impedance:

This is the global opposition of the cable to the signal and is expressed in Ohm (OHM). The generic value is 100 Ohms.

Attenuation:

This is the signal loss along the line (resistive losses related to the conductor + dielectric losses related to insulation). It is proportional to the cable length, is expressed in dB/100m and increases with frequency.



1 - CONDUCTOR

Made up of bare copper, it consists of a single (rigid or massive core) or multiple fine or even extremely fine wire(s) (cabled, flexible or extra-flexible core). It conducts electricity.

2 - INSULATOR

Made up of polyolefin materials (polyethylene, polypropylene), it is placed around the inner conductor to isolate it from the outside, mechanically as well as electrically. These materials are characterised by stable dielectric properties when with varying frequency.

3 - ASSEMBLY

The assembly is often carried out in multiples of 4 pairs. Polyethylene separators (cross) are added to improve cable crosstalk.

4 - SHIELDING

Shielding can be individual (pair to pair) or general.

Aluminium foils are preferred to ensure high frequency electromagnetic immunity. Inversely, tin-plated copper braid is more effective for low frequencies.

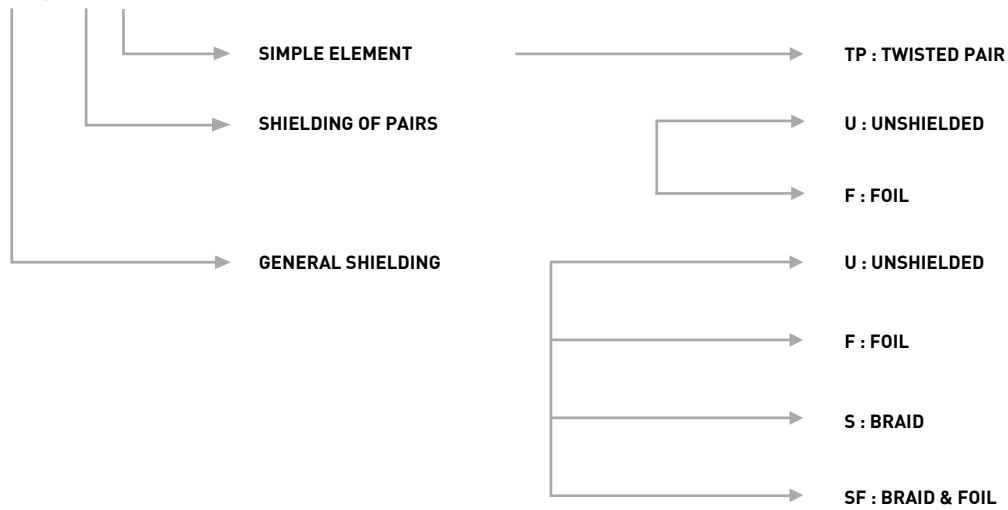
5 - OUTER JACKET

Consists of a polymer (elastomer, thermoplastic or thermoset) layer which ensures mechanical resistance and protection of the cable from the external environment. It consists mainly of PVC or LSZH.

Twisted pair cables

STRUCTURE

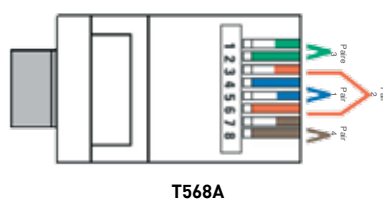
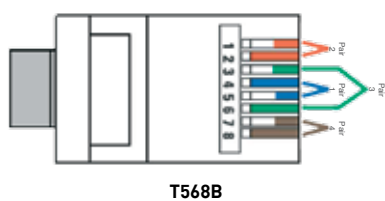
XX / XTP



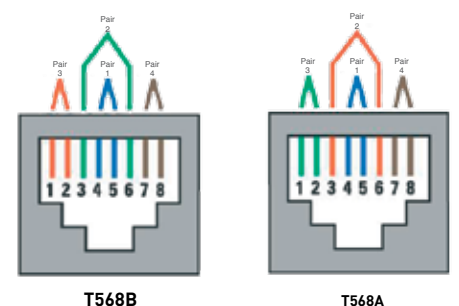
Type of Cable	Construction	Example
U/UTP or UTP Unshielded Twisted Pair		
F/UTP or FTP Foiled Twisted Pair		
SF/UTP or SFTP Shielded and Foiled Twisted Pair		
U/FTP or STP Shielded and Individually Foiled Twisted Pair		
F/FTP or FSTP Foiled and Individually Foiled Twisted Pair		
S/FTP or SSTP Shielded and Individually Foiled Twisted Pair		

CABLING CONVENTIONS

RJ45 PLUGS



RJ45 CONNECTORS



Fibre optic cables

A fibre optic cable is a waveguide, which enables the transmission of a light signal. It consists of an assembly of optical fibre, protection and an outer jacket covering the assembly.

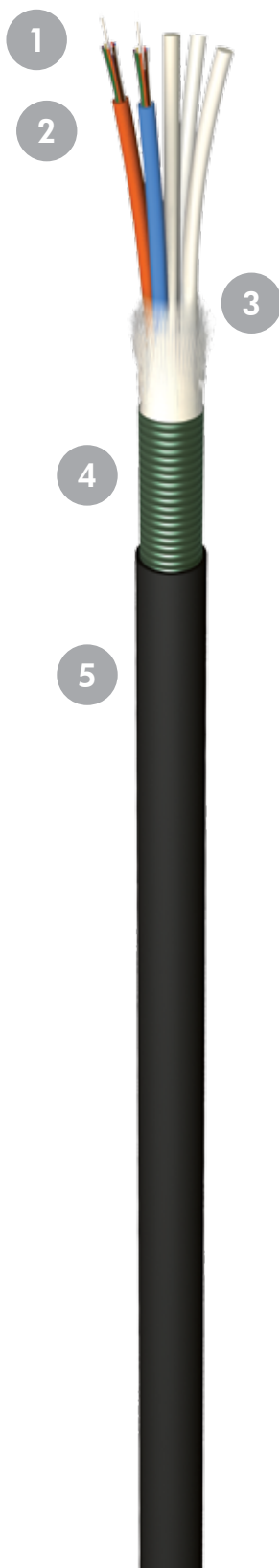
These cables have two main characteristics:

Bandwidth:

This is the frequency rating of the optical cable. The higher the bandwidth, the greater the amount of information conveyed.

Attenuation:

This is the signal loss along the fibre (absorption, refraction or reflection losses). It is proportional to the cable length, is expressed in dB/100m and decreases with wavelength.



1 - FIBRE OPTIC

Can be multimode or monomode

Type	Core/Jacket diam0	Performances
Multimode	62,5 μm /125 μm	OM1
	50 μm /125 μm	OM2,OM3,OM4
Monomode	9 μm /125 μm	OS1,OS2

2 - STRUCTURE OF OPTIC STRAND

Determines the mechanical protection level of the optical fibre. The structure of the strand can be tight (900 μm) or loose (250 μm). Loose structures require the use of a spreader for the connection.

3 - ASSEMBLY

There are three types of assemblies. The assembly is helical for tight buffered fibres and it can be central or multi-tube for loose fibres.

4 - PROTECTION

Sometimes, the environment in which the optical cable is installed, requires the use of dielectric armour (Kevlar, glass fibre or steel).

5 - OUTER JACKET



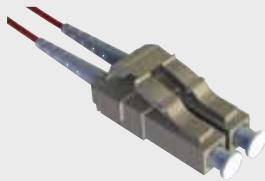
Consists of a polymer (elastomer, thermoplastic or thermoset) layer which ensures mechanical resistance and protection of the cable from the external environment. It consists mainly of PEHD or LSZH. Fibre installation method: blown, pulled or portée requires the use of different materials.

CONNECTOR TYPE

FERRULE FINISHING METHOD

PC = Physical contact: Physical contact between two connectors within a bushing

APC = Angled Physical Contact: Physical contact between two connectors with angled ferrule

Connector	Technical specifications
ST 	2.5 mm ceramic ferrule connector IEC 60874-10 standard Bayonet lock Medium performance Multimode: 0.40 dB Monomode: 0.35 dB
SC 	2.5 mm ceramic ferrule connector IEC 60874-14 standard Push-Pull locking Available in simplex and duplex Medium performance Multimode: 0.30 dB Monomode: 0.35 dB Monomode APC: 0.25 dB
LC 	1.25 mm "Small Form Factor" ceramic ferrule connector IEC 60874-20 standard Tab locking Available in simplex and duplex Medium performance Multimode: 0.30 dB Monomode: 0.35 dB Monomode APC: 0.25 dB

SYNOPTIC TABLE LENGTH/MAX. LOSS PER FIBRE OPTIC CATEGORY

Max. Length of application	Category	Max. Channel attenuation				
		Multimode			Monomode	
		650 nm	850 nm	1300 nm	1310 nm	1550 nm
25 m	OP1	7.5	-	-	-	-
50 m	OP1	12.0	-	-	-	-
100 m	OP2	13.0	6.3	6.3	-	-
	OH1	-	-	-	-	-
200 m	OP2	23.0	9.6	9.6	-	-
	OH1	-	5.0	-	-	-
300 m	OM1,OM2, OM3, OM4, OS1, OS2	-	2.55	1.95	1.8	1.8
500 m	OM1,OM2, OM3, OM4, OS1, OS2	-	3.25	2.25	2.0	2.0
2000 m	OM1,OM2, OM3, OM4, OS1, OS2	-	8.5	4.5	3.5	3.5
5000 m	OS2	-	-	-	4.0	4.0
10000 m	OS2	-	-	-	6.0	6.0

OP: Plastic fibre optic

OH: Fibre optic, silicon core, plastic optic sheath

OM: Fibre optic silicon multimode

OS: Fibre optic silicon monomode

UNBALANCED AND BALANCED AUDIO LINKS

Audio cables transmit low intensity signals in a generally highly disturbed environment (many power sources...). In general, cables with a shield to protect the transmitted signals from interferences are used.

There are 2 types of audio cables.

UNBALANCED AUDIO CABLES

This type of link is used to connect musical instruments (guitar, bass guitar, synthesizer...) to amplifiers and primarily for entry-level audio links.

An unbalanced cable consists of:

- a central core, which transmits the signal. This is the phase conductor.

This conductor is also called hot point.

- and a shield, which carries out a double function: ensure the phase and screen return.

The shield can function properly as a screen only if the disturbances are not too significant and the link distances links are limited to a few meters.

UNBALANCED LINE LAYOUT

The connectors most used for unbalanced audio links are mono jacks, RCA and, less frequently, XLR.

BALANCED AUDIO CABLES

Most audio links are balanced (microphone links, lines ...)

A balanced cable consists of 2 conductors assembled as a pair, and a shield.

The transmission of signals takes place only through conductors called hot point and cold point.

The shield functions only as a screen and plays its role effectively.

BALANCED LINE LAYOUT

Balanced cables are very well protected from disturbing elements thanks to:
their shield.
the assembly of twisted pair conductors.

The conductors constituting the pair are in phase opposition, i.e. each conductor transmits a signal with the same intensity but with inversed polarity (one + and one -).

Moreover, due to the pair assembly, the phases are at an opposition of 180°.

Thus, if the cable is going to be in contact with a source of disturbance, each conductor will take care of the same amount of disturbance but with opposite polarity, which will lead to the cancellation of the disturbance.

Balanced cables ensure an excellent signal transmission in disturbed environments and over large distances.

XLR and stereo jacks are the recommended connectors.

VGA – HDMI – DVI

VGA = Video Graphics Array

Standards with the VGA suffix are classified according to the display resolution (size of the displayed image).

- VGA achieves 480 x 640 pixels, in 16 or 256 colours.

- S-VGA (Super-VGA) achieves a resolution of 800 x 600 pixels,

- XVGA, 1024 x 768 pixels, in 256 colours.

- QVGA, 240 x 320 pixels.

VGA uses an analogue transmission. It is very commonly used, since its deployment cost is very low.

HDMI

HDMI links enable the transmission of audio, video and control signals with high performance.

There are many advantages:

– 100% digital link: no compression, no conversion.

The audio and video signals are transmitted from the source to the last element of your system without any alteration.

– Compatibility with the best high-definition audio and video standards (up to 8 audio channels, sampling up to 192 kHz, HD video in 1080i, 1080p with the B connector)

–Management of the YUV colour space

–A single cable: one HDMI cable replaces 8 audio cables and 5 video cables.

–Automatic adjustment of TV or projector on the source.

–Functions which make it possible to assign all playback or recording settings with a single key.

–Reduced cable size, easier to conceal.

–Better video and audio quality than analogue technology since there is no conversion. Both, the medium and the screen are digital.

HDMI 1.3

Bandwidth: 10.2 Gbit/s

Supports DeepColor

Supports DTS-HD and Dolby TrueHD formats (from Blu-ray)

HDMI 1.4

Supports 3D screen formats

Supports very high resolutions: 4096×2160 at 24 Hz and 3840×2160 at 30 Hz

Supports network protocol at 100 Mb/s

Supports audio return (enabling a TV set to transmit the sound signal from the tuner to an A/V amplifier)

HDMI links take the form of a miniature plug with 19 pins.

This is the standard type A plug. Another standardised plug format is type B, with 29 pins, for resolutions higher than 1080i.

The cables are always of the male/male type.

The high bandwidth limits their length to about 15 metres.

It is possible to exceed this distance by using active repeaters, signal amplifiers (boosters), optical fibre links or category 5 cable links.

DVI = Digital Visual Interface or Digital Video Interface

DVI allows to connect a graphic card to a screen. It is a digital link. DVI replaces VGA for screens with physically separated (independent) pixels, as in the case of LCD, plasma and LED screens but not of cathode ray tube screens (where the electron beam reproduces the variations of the analogue signal in real time).

Thus, DVI highly improves the display quality as compared to a VGA connection:

- through a separation of the colour hue for each pixel: perfectly clear picture;
- through digital transmission (without loss) of colour hue.

It is the digital equivalent of the RGB (Red, Green, Blue) connection, but transmitted over three LVDS links (Low Voltage Differential Signal) by three shielded twisted pairs.

DIFFERENT DVI CONNECTORS

There are three types of DVI which, coupled with the single/dual link option, create 5 different connectors.

DVI-A (DVI-Analog) transmits only a VGA compatible analogue signal. It serves only to plug in a DVI plug.

DVI-D (DVI-Digital) transmits only a digital signal.

DVI-I (DVI-Integrated) transmits both the VGA signal and the digital signal and is equipped with 4 additional pins on the side.

I and D connectors can consist of two groups of 9 pins and one group of 24 pins. The 8 central pins transmit the Dual Link and allow for a greater resolution.

Connector compatibility:

Male DVI-I incompatible with female DVI-D.

Male DVI-I compatible with female DVI-A.

Male DVI-D compatible with female DVI-I.

Dual link and Single link are compatible.

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2080	50	1XDMXPOWER	33	AM1B22	144	AV5HD	68
2100	50	2042E	51	AM1B25	144	AVGAFF	82
2120	50	2062E	51	AM1N	146	AVGAMM	82
2160	50	2082E	51	AM1RJ	143	BLAMP	140
2220	50	2102E	51	AM2R1020N	143	BLAMPI	140
2250	50	2122E	51	AM2R110N	143	BS2666G	140
500000	147	2162E	51	AM2R11N	143	BS3266G	140
500002	147	2202E	51	AM2R12N	143	BS3288G	140
500007	147	2252E	51	AM2R15N	143	BS4266G	140
500009	147	2MC75P	65	AM2R1B1N	143	BS4268G	140
500010	148	40304089RN	22	AM2R1N	143	BS42810G	140
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500014	148	48MMCS	91	AMCSVGA11	145	BS4288G	140
500015	147	48MMCS	91	AMCSVGA110	145	BS4788G	140
500016	147	48MMTSCD	91	AMCSVGA12	145	BSE	
500017	147	48MMTSCS	91	AMCSVGA13	145	BSPx	75
500019	148	48MMTVLCD	91	AMCSVGA15	145	BSTBNCxx	78
500020	148	48MMTVSCD	91	AMCSVGAJ11	145	BTHERMOST	140
500021	147	48SMCLCS	91	AMCSVGAJ10	145	BV2	140
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PSA3T675CTLY13S	95	SBOBT37	138		
PSA3T675CTLY92F	95	SDB15HDP	95		
PW75	57	SDB15HDS	95		
RACK0819	139	SFHP215	20		
RACK1219	139	SFHP225	20		
RACK1619	139	SIHF215	21		



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