percon

Manufacturing and Supply of Professional Broadcast Equipment

# ASSEMBLIES

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For more than 40 years PERCON has been devoted to the design, manufacturing and marketing of professional cabling solutions for the Broadcast and multimedia fields.

Our team is composed of over 40 technical, sales and logistics specialists that guarantee the best customer service and technical support and offer an impressive range of top-quality products to meet any project's needs.

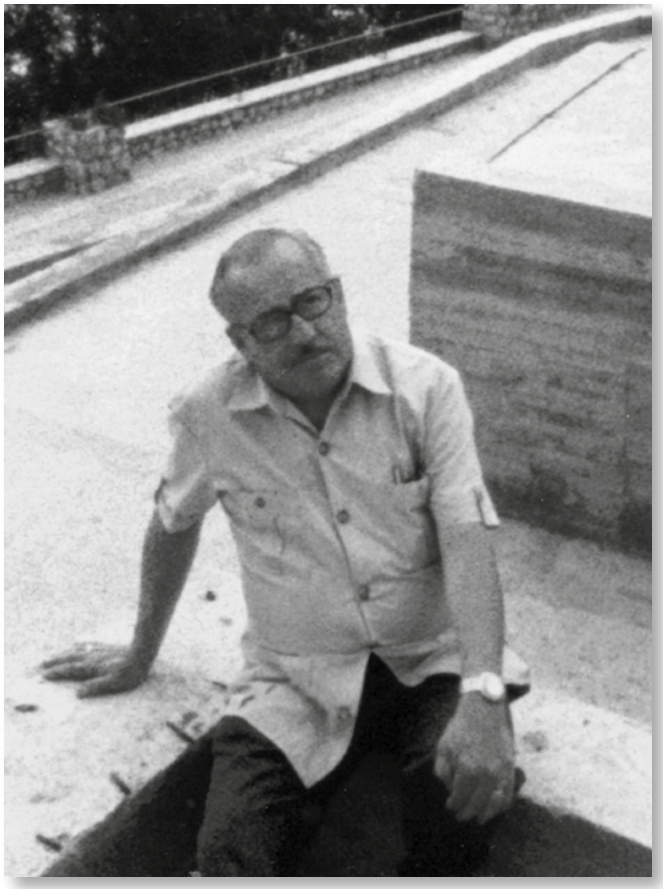
In accordance to our customer-oriented strategy that has led us to constantly increase our products portfolio, PERCON's renowned European audio, video, control, fiber and all type of multicore cables and assemblies are now accompanied by multiple related articles such as cable testers, connectors, tools, reels, etc.

This catalogue encompasses all the items that make PERCON a one-stop shop for the broadcast and system integrations people. We thank you for the trust you have placed on us and that has situated PERCON as a key supplier in the international broadcast industry.

German Permanyer

Domènec Permanyer

Permanyer brothers. Old haberdashery, 1969



Quirze Permanyer

# The beginning

PERCON's origins date back to Mr Quirze Permanyer, whose enterprising spirit and ambition led him to start repairing radios and record players in the 1940s.

Radios at the time were complicated and knowing how to repair them demanded being up to date with the "new technologies", something that is still essential nowadays in PERCON's policy.

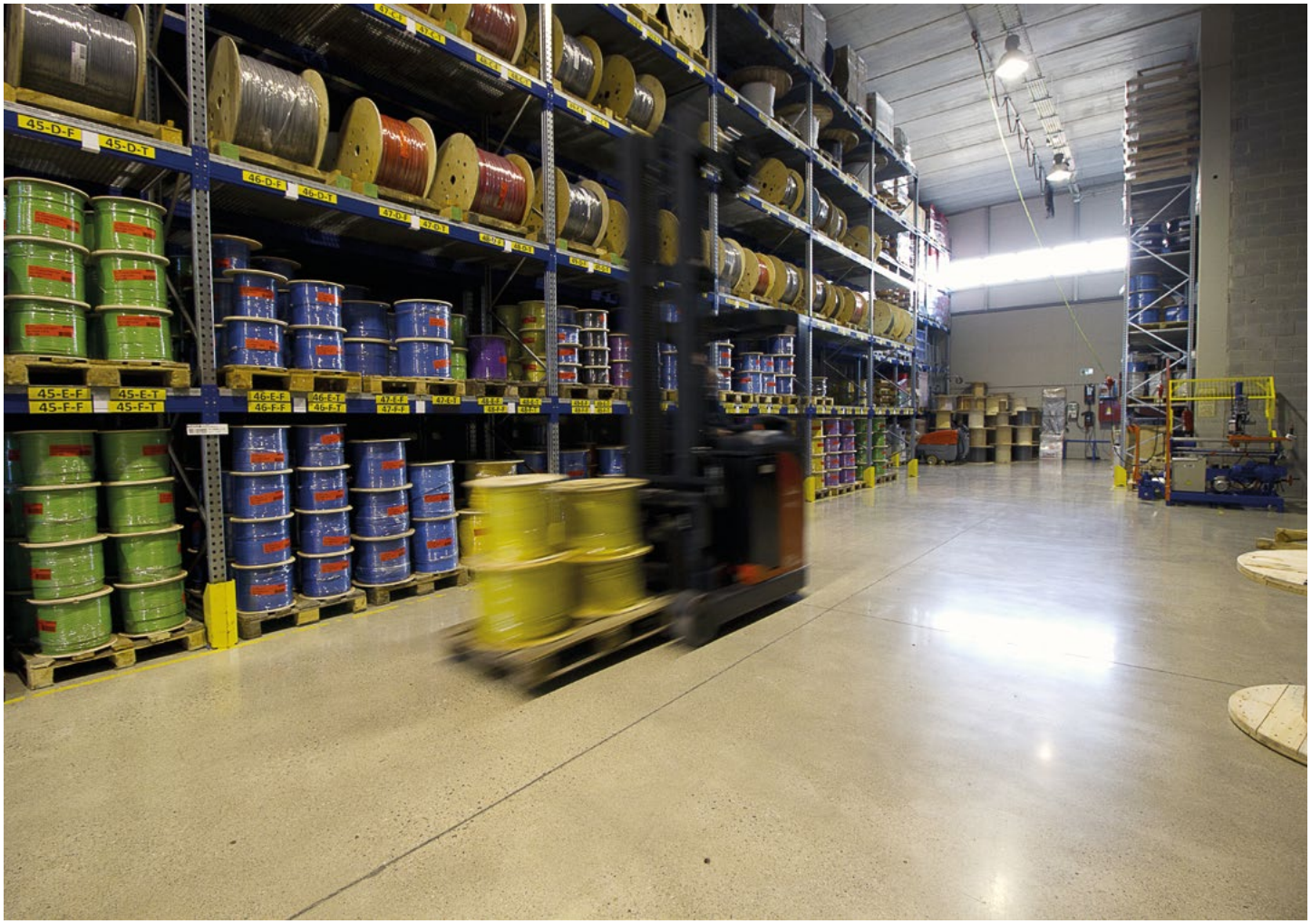
Over time, besides repairs, customers started ordering some customised cables for those devices and he realised that the cables were generating even more interest than the repairs themselves, so he started to focus his attention in supplying tailored assemblies.

A small haberdashery on Diputació Street in Barcelona became the workshop in which the whole Permanyer Griñó family worked together. Quirze's sons, Domenec and German, bought the cables and the connectors and offered the customers made-to-measure solutions, while his wife, Isabel, packaged and labeled the orders with the reference of the product and the customer's name.

Ever since, PERCON has focused in the specialized production of cables for the broadcast and multimedia field (Audio, Video y Control).

With more than 40 years of experience in the industry, PERCON has gradually increased its range of products, that now amount to around 2000 references (including audio, video, data, control, fiber optic, connectors, accessories…), constantly aiming to meet the customers' needs.

Today, PERCON is a company in constant expansion, thanks to a team of specialists with high technical and commercial knowledge and expertise that are able to offer the best technological, commercial, marketing and logistic solutions, always under the management of the Permanyer brothers, who keep up the entrepreneurial and family spirit that started one day with Quirze Permanyer.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NEUTRIK

# OUR VALUES

## “Always innovating and looking for new products and solutions”

PERCON’s main goal is to offer the best service to our customers. For this reason, our philosophy is simple: costantly search for new products and solutions to meet the ever-changing needs of a constantly evolving industry.

## “We offer technical assistance from the start to the end of a project”

Our Engineering Department offers both a presale service providing advice in the project design and after-sales assistance helping the installation technicians in charge of implementing the project.

## “Maximum quality of our products (ISO9001:2015 certified)”

PERCON products comply with the quality requirements established by ISO9001:2015.

## “We are a global supplier”

Our range of products includes a wide variety of professional top-quality cables, connectors, assemblies, tools and accessories to cover the installation needs of any multimedia and broadcast project.

We also distribute selected products of highly regarded International brands.

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# BRANDS

"Our Distribution business includes some of the best international brands"

Our partners have trusted and keep trusting us to distribute their products through our sales network.

PERCON distributes the following brands (among others):

AVP EUROPA

schill

MuxLab

FURUKAWA ELECTRIC GROUP

PLATINUM TOOLS

opticis

LEMO

NEUTRIK

fischer CONNECTORS

CANARE

HRS

REAN

TAJIMI

# MARKET SOLUTIONS

Our Engineering Department can assist you with the design of your projects and recommend the products that best suit your needs. We offer a wide range of products to meet the needs of the broadcast, telecom, multimedia and installation industries.

Our products are present in major installations and projects worldwide.

TV STATIONS – RADIO STATIONS – FOOTBALL STADIUMS – MULTIPURPOSE PAVILLIONS- CITY HALLS – PUBLIC ORGANISATIONS – AUDITORIUMS – FILM PRODUCERS – THEATRES

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# Fiber Optic

NEW percon

UHD 4K8K
SMPTE standard ST2091 pending

## • Militar Basic:

Military tactical tight fiber optic cable, base don Cable de Fiber óptica ajustada tipo táctico militar, based on specification MIL-C-85045 reinforced with aramide yarn and 5.60mm polyurethan overall jacket. Available in single mode and multimode versions. Perfect for mobile applications.

### Multimode

**CFO- M-3/x-xxx/xx-xx**

| Fiber | Lenght in meters | | Assemblies |
|---|---|---|---|
| 1 | 0,20 : 0,20m | 20 : 20m | LC - LC |
| 2 | 1 : 1m | 25 : 25m | SC - SC |
| 4 | 3 : 30m | 50 : 50m | SC - ST |
| 16 | 5 : 50m | 60 : 60m | |
| | 10 : 10m | 100 : 100m | |

* Fiber: OM3
Type: MM
Polish: PC
Color: ●

### Monomode

**CFO-S-1/x-xxx/xx-xx**

| Fiber | Lenght in meters | Assemblies |
|---|---|---|
| 2 | 0,20 : 0,20m | LC - LC |
| 4 | 001 : 1m | SC - SC |
| 6 | 002 : 2m | SC - ST |
| 8 | 003 : 3m | |
| 12 | 005 : 5m | |
| | 006 : 6m | |
| | 010 : 10m | |
| | 040 : 40m | |

* Fiber: OS1
Type: SM
Polish: UPC
Color: ●

Other options available, consult.

## • Militar Premium:

Military tactical tight core-locked fiber optic cable, certified by Neutrik for its OpticalCON fiber assemblies, reinforced with aramide yarn and pression extruded polyurethan 5.80mm overall jacket. Available in multimode OM3 and single mode G.657A1 versions, both bend-insensitive. Perfect for mobile applications that require high fidelity and minimal losses.

### Multimode

**CFO-MP-3/x-xxx/xx-xx**

| Fiber | Lenght in meters | | Assemblies |
|---|---|---|---|
| 1 | 0,20 : 0,20m | 20 : 20m | LC - LC |
| 2 | 1 : 1m | 25 : 25m | SC - SC |
| 4 | 3 : 30m | 50 : 50m | SC - ST |
| 16 | 5 : 50m | 60 : 60m | |
| | 10 : 10m | 100 : 100m | |

* Fiber: OM3
Type: MM
Polish: PC
Color: ●

### Monomode

**CFO-SP-1/x-0xx/xx-xx**

| Fiber | Lenght in meters | Assemblies |
|---|---|---|
| 2 | 0,20 : 0,20m | LC - LC |
| 4 | 001 : 1m | SC - SC |
| 6 | 002 : 2m | SC - ST |
| 8 | 003 : 3m | |
| 12 | 005 : 5m | |
| | 006 : 6m | |
| | 010 : 10m | |
| | 040 : 40m | |

* Fiber: OS1
Type: SM
Polish: UPC
Color: ●

Other options available, consult.

## IP - LC / IP - LC

Tactical military fiber optic cable with MIL-C-85045, light, robust and terminated with IP-LC connectors with IP 68 protection.
Suitable for mobile applications. Available with 2 and 4 fibres, multi-mode OM3 and single-mode G.625D.

Multimode

**CFO-MMxxxx**

Fiber: 2, 4

Lenght in meters:
005 : 5m
050 : 50m
100 : 100m
150 : 150m
200 : 200m
250 : 250m

* Fiber: OM3
Type: MM
Polish: UPC
Color: ●

Monomode

**CFO-SMxxxx**

Fiber: 2, 4

Lenght in meters:
050 : 50m
100 : 100m
150 : 150m
200 : 200m
250 : 250m

* Fiber: G.652D
Type: SM
Polish: UPC
Color: ●

Other options available, consult.

## • Option with Schill reel

Multimode

**CFO-MMxxxx/C**

Fiber: 2, 4

Lenght in meters:
Carrete:
050 : 50m - SCH-GT 310.RM
100 : 100m - SCH-GT 310.RM
150 : 150m - SCH-GT 380.RM
200 : 200m - SCH-GT 380.RM
250 : 250m - SCH-GT 380.RM

* Fiber: OM3
Type: MM
Polish: UPC
Color: ●

Monomode

**CFO-SMxxxx/C**

Fiber: 5 : 2, 8 : 4

Lenght in meters:
Carrete:
050 : 50m - SCH-GT 310.RM
100 : 100m - SCH-GT 310.RM
150 : 150m - SCH-GT 380.RM
200 : 200m - SCH-GT 380.RM
250 : 250m - SCH-GT 380.RM

* Fiber: G.652D
Type: SM
Polish: UPC
Color: ●

Other options available, consult.

## Extension IP - LC / IP - LC

| Mod. | Connector | Type |
|---|---|---|
| CFO-4350/MM | IP-LC/IP-LC Duplex | MM |
| CFO-4350/SM | IP-LC/IP-LC Duplex | SM |

## Pigtail IP - LC / IP - LC Duplex

| Mod. | Connector | Type |
|---|---|---|
| CFO-4300/MM | IP-LC/IP-LC Duplex 1mt Cable included | MM |
| CFO-4300/SM | IP-LC/IP-LC Duplex 1mt Cable included | SM |

## MTP/APC - SC/APC

Breakout single mode fiber optic patchcord with connectors MTP/APC 12 fibres to SC/APC (other polishing, fiber types, lengths and connectors available upon demand).

| Mod. | Nº Fiber | Lenght (mts) | Fiber | Type | Polish |
|---|---|---|---|---|---|
| CFO-S-1/2/MTP/A-SC/A | 12 | 2 | OS1 | SM | APC |

## HMA - FC

Breakout single mode fiber optic patchcord with HMA 4 lenses 1310 nm connectors to 4 x FC/UCP (other polishing, fiber types, lengths and connectors available upon demand).

| Mod. | Nº Fiber | Lenght (mts) | Fiber | Type | Polish |
|---|---|---|---|---|---|
| CFO-S-1/4-001-HMA-FC | 4 | 1 | OS1 | SM | UPC |

## Pigtails

One metre long single mode and multimode 900 micron fiber optic pigtails, certified and ready to be installed using fusion splicing.

### Multimode OM3

| Mod. | Nº Fiber | Lenght (mts) | Fiber | Type | Polish |
|---|---|---|---|---|---|
| CFO-M-3/1-001/LC-NULL | 1 | 1 | OM3 | MM | UPC |
| CFO-M-3/1-001/SC-NULL | 1 | 1 | OM3 | MM | UPC |
| CFO-M-3/1-001/ST-NULL | 1 | 1 | OM3 | MM | UPC |
| CFO-M-3/1-001/FC-NULL | 1 | 1 | OM3 | MM | UPC |

Other options available, consult.

### Monomode G652C&D UPC

| Mod. | Nº Fiber | Lenght (mts) | Fiber | Type | Polish |
|---|---|---|---|---|---|
| CFO-S-1/1-001/LC/UPC-NULL | 1 | 1 | G652C | SM | UPC |
| CFO-S-1/1-001/SC/UPC-NULL | 1 | 1 | G652C | SM | UPC |
| CFO-S-1/1-001/ST/UPC-NULL | 1 | 1 | G652C | SM | UPC |
| CFO-S-1/1-001/FC/UPC-NULL | 1 | 1 | G652C | SM | UPC |

Other options available, consult.

### Monomode G652C&D APC

| Mod. | Nº Fiber | Lenght (mts) | Fiber | Type | Polish |
|---|---|---|---|---|---|
| CFO-S-1/1-001/LC/APC-NULL | 1 | 1 | G652C | SM | APC |
| CFO- S-1/1-001/SC/APC-NULL | 1 | 1 | G652C | SM | APC |
| CFO- S-1/1-001/ST/APC-NULL | 1 | 1 | G652C | SM | APC |
| CFO- S-1/1-001/FC/APC-NULL | 1 | 1 | G652C | SM | APC |

Other options available, consult.

## DVI with F.O.

Hybrid cables with 4 fibers for TMDS transmission and copper wires for the DDC2B/HDCP. Extends up to 100 mts (326 feet), VESA (1600x1200) and HDTV, 1080p (1920x1080): Uses the CP host +5V source from the video sources. Compact end connector design easily allows direct connection to the host video card and display peripherals. Meets the requirement of FCC and CE standards for EMI d/RFI emissions and material ratings.

| Mod. | Connector | Lenght (mts) |
|---|---|---|
| OPTICIS-M1-P0E-010 | DVI + Power | 10 |
| OPTICIS-M1-P0E-015 | DVI + Power | 15 |
| OPTICIS-M1-P0E-020 | DVI + Power | 20 |
| OPTICIS-M1-P0E-030 | DVI + Power | 30 |
| OPTICIS-M1-P0E-040 | DVI + Power | 40 |
| OPTICIS-M1-P0E-050 | DVI + Power | 50 |
| OPTICIS-M1-P0E-070 | DVI + Power | 70 |
| OPTICIS-M1-P0E-080 | DVI + Power | 80 |
| OPTICIS-M1-P0E-100 | DVI + Power | 100 |

All-optical DVI cable, M1-1000 has four (4) fibers for TMDS transmission and three (3) fibers for DDC/HDC and transmits uncompressed WUXGA (1920x1200) 60Hz, 1080p signal up to 500m (1640feet). It also provides perfect electrical galvanic isolation with all-optical cabling

| Mod. | Connector | Lenght (mts) |
|---|---|---|
| OPTICIS-M1-1000-010 | DVI + Power | 10 |
| OPTICIS-M1-1000-020 | DVI + Power | 20 |
| OPTICIS-M1-1000-030 | DVI + Power | 30 |
| OPTICIS-M1-1000-050 | DVI + Power | 50 |
| OPTICIS-M1-1000-100 | DVI + Power | 100 |

All-optical DVI cable, M1-100A has four (4) fibers for TMDS transmission and transmits uncompressed WUXGA (1920x1200) 60Hz, 1080p signal up to 500m (1640feet). It enables to restore EDID of display in an EEPROM of transmitter and also provides perfect electrical galvanic isolation with all-optical cabling.

| Mod. | Connector | Lenght (mts) |
|---|---|---|
| OPTICIS-M1-100A-010 | DVI + Power | 10 |
| OPTICIS-M1-100A-020 | DVI + Power | 20 |
| OPTICIS-M1-100A-030 | DVI + Power | 30 |
| OPTICIS-M1-100A-050 | DVI + Power | 50 |
| OPTICIS-M1-100A-100 | DVI + Power | 100 |

## HDMI Fiber optic with external power

Just plug and play: directly replaces copper cables without any change in installation. Supports all VESA resolutions up to WUXGA (1920 x 1200) and full HDTV up to the maximum resolution 1080p. Hybrid cable and copper wires for DDC/HDCP. Extends up to 100 meter ( 326 feet). Uses HDMI 5V source or external DC + 5V adapter. Compact design of end connectors allows direct connection to HDTV source and TV set. Certifies FCC and CE standards for EMI/RFI emissions.

| Mod. | Connector | Lenght (mts) |
|---|---|---|
| OPTICIS-M1-2000-10 | Point to point | 10 |
| OPTICIS-M1-2000-20 | Point to point | 20 |
| OPTICIS-M1-2000-30 | Point to point | 30 |
| OPTICIS-M1-2000-50 | Point to point | 50 |
| OPTICIS-M1-2000-70 | Point to point | 70 |
| OPTICIS-M1-2000-100 | Point to point | 100 |

## SDI with F.O.

The OPTICIS 3G-SDI extender is a miniature fiber-optic 3G-SDI digital video transmission system, supporting up to 1080p, 3G-SDI format. Is designed to transmit one (1) channel of multi-rate SDI including SMPTE-424M (3G-SDI), SMPTE-292M (HD-SDI) or SMPTE-259M serial digital video signal up to 30Km through either single mode or multimode fiber with the same model.

| Mod. | Description |
|---|---|
| OPTICIS-SDIX-100C | Miniature fiber optic 3G-SDI Module |

## Displayport with F.O

Optical DisplayPort extender, DPFX-100-TR is designed compact enough to be fitted into various installation environments with two (2) LC fibers connection. The transmitter and receiver set, DPFX-100-TR enables to transmit WQXGA (2560x1600) at 60Hz signal up to 200m (656 feet), avoiding any tricks like scaling or data compression to reduce the burden of data transmission. It provides total data throughput 10.8Gbps (2.7Gbps per lane).
The pure fiber connection by two (2) LC fibers connector between transmitter and receiver, gives clean, secure and easy installation with perfect electrical isolation, but without electrical hazard and interference.

| Mod. | Description |
|---|---|
| OPTICIS-DPFX-100-TR | DisplayPort Optical Extender |
| OPTICIS-DPFX-200-TR | DisplayPort Optical Extender |
| OPTICIS-DPFX-250-TR | DisplayPort Optical Extender |

## SMPTE / HDTV for camera assemblies

Cable for HDTV cameras. Assembled with 3 K.93C (SMPTE 304 o 4 M) Lemo, connectors. Composed of 2 contacts for F.O, 2 for signal and 2 input. Distance up to 2,5 km.

### • FUW - PUW

UHD 4K8K
SMPTE standard ST2091 pending

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FURUKAWA ELECTRIC GROUP

**HDTV-xxx/FUW-PUW/P**
**FCFA-FCMA/P**

Lenght in meters

| | | | | | |
|---|---|---|---|---|---|
| 001,5 | : | 1,5m | 060 | : | 60m |
| 002 | : | 2m | 090 | : | 90m |
| 007 | : | 7m | 100 | : | 100m |
| 009 | : | 9m | 120 | : | 120m |
| 010 | : | 10m | 130 | : | 130m |
| 012 | : | 12m | 150 | : | 150m |
| 015 | : | 15m | 175 | : | 175m |
| 020 | : | 20m | 200 | : | 200m |
| 025 | : | 25m | 250 | : | 250m |
| 030 | : | 30m | 300 | : | 300m |
| 035 | : | 35m | 500 | : | 500m |
| 050 | : | 50m | | | |

* Description: CABLE HDTV CAMERA
SMPTE 311M
Color: ●

**HDTV-xxx/FUW-PUW/F**

Lenght in meters

| | | | | | |
|---|---|---|---|---|---|
| 001,5 | : | 1,5m | 090 | : | 90m |
| 010 | : | 10m | 100 | : | 100m |
| 012 | : | 12m | 130 | : | 130m |
| 015 | : | 25m | 150 | : | 150m |
| 020 | : | 40m | 175 | : | 175m |
| 025 | : | 25m | 200 | : | 200m |
| 030 | : | 30m | 250 | : | 250m |
| 035 | : | 35m | 300 | : | 300m |
| 050 | : | 50m | 500 | : | 500m |
| 060 | : | 60m | | | |

* Description: CABLE HDTV CAMERA
SMPTE 311M
Color: ●

### • FMW - PUW

UHD 4K8K
SMPTE standard ST2091 pending

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FURUKAWA ELECTRIC GROUP

**HDTV-xxx/FMW-PUW/P**
**FCFRCA-PUW/P**

Lenght in meters

| | | |
|---|---|---|
| 001,5 | : | 1,5m |
| 007 | : | 7m |
| 010 | : | 10m |
| 050 | : | 50m |
| 100 | : | 100m |
| 200 | : | 200m |
| 250 | : | 250m |
| 300 | : | 300m |

* Description: CABLE HDTV CAMERA
SMPTE 311M
Color: ●

**HDTV-xxx/FMW-PUW/F**

Lenght in meters

| | | |
|---|---|---|
| 001,5 | : | 1,5m |
| 010 | : | 12m |
| 050 | : | 50m |
| 100 | : | 100m |
| 200 | : | 200m |
| 250 | : | 250m |
| 300 | : | 300m |

* Description: CABLE HDTV CAMERA
SMPTE 311M
Color: ●

## • FMW - PBW

UHD 4K8K
SMPTE standard ST2091 pending

percon

FURUKAWA ELECTRIC GROUP

**HDTV-xxx/FMW-PBW/P**
o
**FCFRCA-PBW/P**

Lenght in meters

090 : 90m
100 : 100m
120 : 120m
130 : 130m
140 : 140m

* Description: CABLE HDTV CAMERA
SMPTE 311M
Color: ●

**HDTV-xxx/FMW-PBW/F**

Lenght in meters

090 : 90m
100 : 100m
130 : 130m
140 : 140m

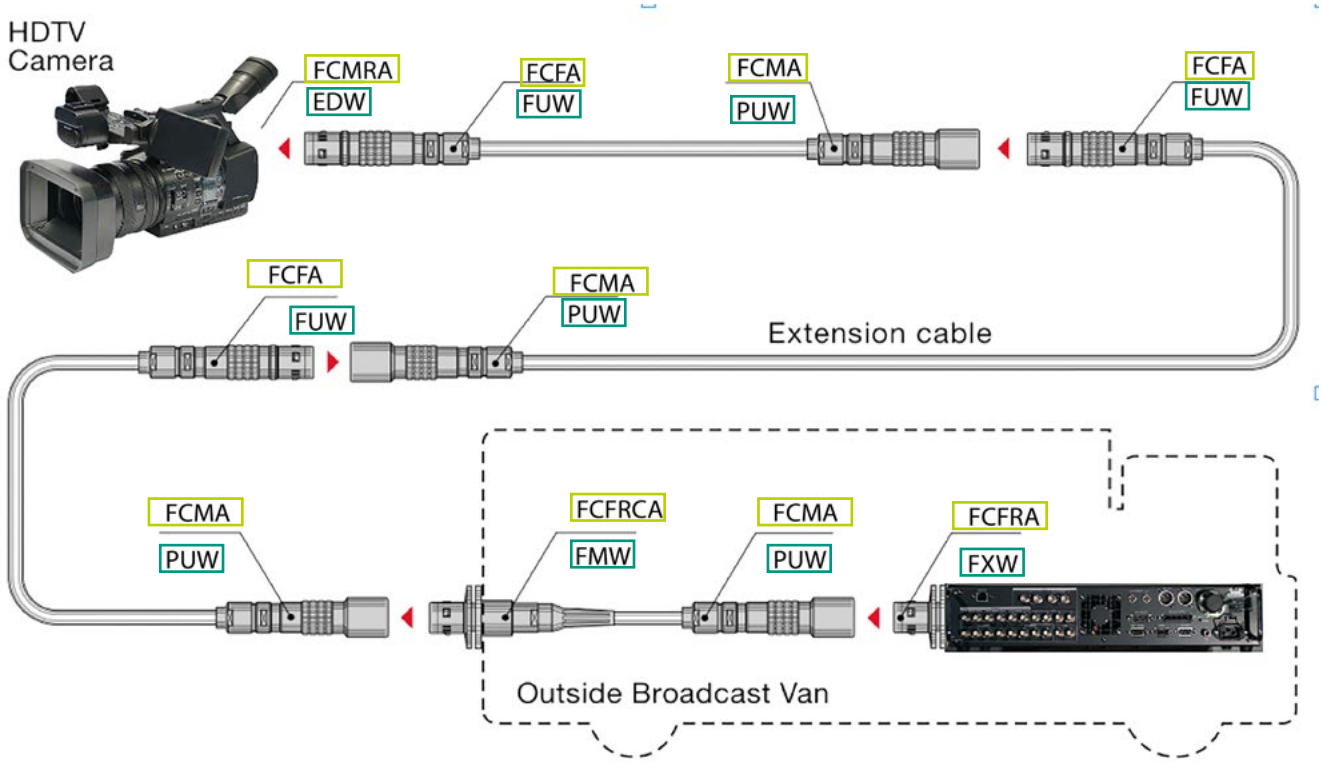
* Description: CABLE HDTV CAMERA
SMPTE 311M
Color: ●

## • F.O Cleaner SMPTE 304M and MIL / COTS

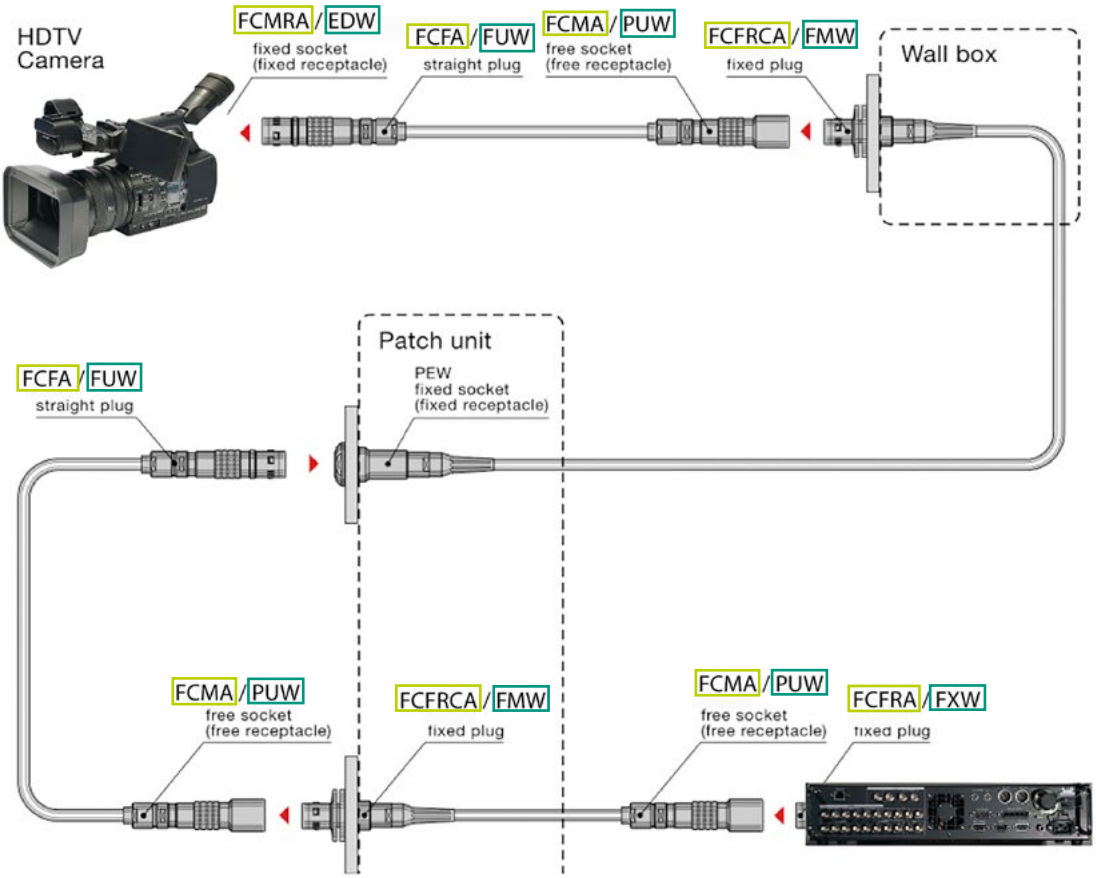
Ref. FO-CLEANER-12926

| Mod. | Description |
|---|---|
| FO-CLEANER-12926 | Limpiador F.O SMPTE 304M y MIL/COTS |

**Outside Broadcast Van Configuration**




Studio Configuration



## opticalCON Power - Split cables

Extra rugged hybrid cable with 8 single mode channels and 3 x 1.5 mm cooper conductors, 1.5 mm shield, 2 optical CON QUAD cable connectors and 1 powerCON cable connector. The opticalCON QUAD cable connector accommodates four PC/APC optical channels based on conventional and proven LC connectivity protected by a ruggedized and durable all-metal housing. It features a spring loaded push-pull locking mechanism and an excellent cable retention utilizing aramid yarn. The optical connection is exceptionally well protected against dirt and dust by an automatically operated sealing cover. The cable connector comes pre-assembled and is not available as a single component. The cable is available in different lengths and is packed either in a case, on drum or airspool.

opticalCON POWER-SPLIT

UHD 4K8K
SMPTE standard ST2091 pending

NEUTRIK Multimode

NEUTRIK Monomode

### NK-NKOYPM-21-A-xxx

Lenght in meters

| | | | | | |
|---|---|---|---|---|---|
| 000-60 | : 0.6m | 225 | : | 225m |
| 025 | : 25m | 250 | : | 250m |
| 050 | : 50m | 275 | : | 275m |
| 075 | : 75m | 300 | : | 300m |
| 100 | : 100m | 325 | : | 325m |
| 125 | : 125m | 350 | : | 350m |
| 150 | : 150m | 375 | : | 375m |
| 175 | : 175m | 400 | : | 400m |
| 200 | : 200m | | | |

* Fiber: 8
Type: MM
Polish: PC
Color: ●

### NK-NKOYPx-21-A-xxx

Type: S, SA | Polish: UPC, APC

Lenght in meters

| | | | | | |
|---|---|---|---|---|---|
| 000-60 | : 0.6m | 225 | : | 225m |
| 025 | : 25m | 250 | : | 250m |
| 050 | : 50m | 275 | : | 275m |
| 075 | : 75m | 300 | : | 300m |
| 100 | : 100m | 325 | : | 325m |
| 125 | : 125m | 350 | : | 350m |
| 150 | : 150m | 375 | : | 375m |
| 175 | : 175m | 400 | : | 400m |
| 200 | : 200m | | | |

* Fiber: 8
Type: SM
Color: ●

## opticalCON DUO

Assembled 2 fibers rugged and lightweight mobile field cable, excellent cable retention due to aramid yarn, black PUR outer jacket, available in multi- and single mode (PC or APC), military approved. Ideal for audio and broadcast networks. The opticalCON DUO cable connector accommodates a standard optical LC-Duplex connector in a ruggedized and durable all-metal housing. It features a spring loaded push-pull locking mechanism and an excellent cable retention utilizing aramid yarn. The optical connection is exceptional well protected against dirt and dust by an automatically operated sealing cover. The cable connector comes pre-assembled and is not available as a single component. The cable is available in different lengths and is packed either in a case, on drum or airspool.

UHD 4K8K
SMPTE standard ST2091 pending

NEUTRIK Multimode

NEUTRIK Monomode

### NK-NKO2M-xxx

Lenght in meters

| | | | | | |
|---|---|---|---|---|---|
| 000-60 | : 0,6m | 225 | : | 225m |
| 025 | : 25m | 250 | : | 250m |
| 050 | : 50m | 275 | : | 275m |
| 075 | : 75m | 300 | : | 300m |
| 100 | : 100m | 325 | : | 325m |
| 125 | : 125m | 350 | : | 350m |
| 150 | : 150m | 375 | : | 375m |
| 175 | : 175m | 400 | : | 400m |
| 200 | : 200m | | | |

* Fiber: 2
Type: MM
Polish: PC
Color: ●

### NK-NKO2x-xxx

Type: S, SA | Polish: UPC, APC

Lenght in meters

| | | | | | |
|---|---|---|---|---|---|
| 000-60 | : 0.6m | 225 | : | 225m |
| 025 | : 25m | 250 | : | 250m |
| 050 | : 50m | 275 | : | 275m |
| 075 | : 75m | 300 | : | 300m |
| 100 | : 100m | 325 | : | 325m |
| 125 | : 125m | 350 | : | 350m |
| 150 | : 150m | 375 | : | 375m |
| 175 | : 175m | 400 | : | 400m |
| 200 | : 200m | | | |

* Fiber: 2
Type: SM
Color: ●

## opticalCON DUO SMPTE

Pre-assembled SMPTE cable with 2 single-mode fibers (PC or APC), 4 copper pins, overall copperbraided shield and stainless steel strength member, strong black PUR outer jacket for abrasion resistance. Suitable chassis connector NO2-4FD-1(-A) offers a ground contact. Not compatible to SMPTE 304M standard. Suitable for indoor (studio) camera links considering specific conditions acc. to IEC 60664-1 like pollution degree 1, overvoltage category 1 and rated voltage. For detailed information ask for the White Paper "opticalCON @ SMPTE Indoor Applications". The opticalCON DUO SMPTE cable is suitable for outdoor applications up to 50Vac (ELV). The opticalCON DUO cable connector accommodates a standard optical LC-Duplex connector in a ruggedized and durable all-metal housing. It features a spring loaded push-pull locking mechanism and an excellent cable retention utilizing aramid yarn. The optical connection is exceptional well protected against dirt and dust by an automatically operated sealing cover. The cable connector comes pre-assembled and is not available as a single component. The cable is available in different lengths and is packed either in a case, on drum or airspool.

UHD 4K8K
SMPTE standard ST2091 pending

NEUTRIK Monomode

**NK-NKO2x-S1-xxx**

- Type: S, SA / Polish: UPC, APC
- Lenght in meters

| | | | |
|---|---|---|---|
| 000-60 | 0.6m | 225 | 225m |
| 025 | 25m | 250 | 250m |
| 050 | 50m | 275 | 275m |
| 075 | 75m | 300 | 300m |
| 100 | 100m | 325 | 325m |
| 125 | 125m | 350 | 350m |
| 150 | 150m | 375 | 375m |
| 175 | 175m | 400 | 400m |
| 200 | 200m | | |

* Fiber: 2
Type: SM
Color: ●

## opticalCON MTP® Cable

The opticalCON MTP® cable connector is characterized by the robust all-metal housing and the heavy-duty strain relief. The innovative spherical dust shutter protects the fiber from contamination and minimizes maintenance. The color-coded cable connector is pre-assembled and available in a variety of mobile field cables.

UHD 4K8K
SMPTE standard ST2091 pending

NEUTRIK Multimode

NEUTRIK Monomode

**NK-NKOxxM-xxx**

- Fiber: 12, 24
- Lenght in meters

| | | | |
|---|---|---|---|
| 000-60 | 0,6m | 225 | 225m |
| 025 | 25m | 250 | 250m |
| 050 | 50m | 275 | 275m |
| 075 | 75m | 300 | 300m |
| 100 | 100m | 325 | 325m |
| 125 | 125m | 350 | 350m |
| 150 | 150m | 375 | 375m |
| 175 | 175m | 400 | 400m |
| 200 | 200m | | |

* Type: MM
Polish: PC
Color: ●

**NK-NKOxxxx-xxx**

- Fiber: 12, 24
- Type: S, SA / Polish: UPC, APC
- Lenght in meters

| | | | |
|---|---|---|---|
| 000-60 | 0,6m | 225 | 225m |
| 025 | 25m | 250 | 250m |
| 050 | 50m | 275 | 275m |
| 075 | 75m | 300 | 300m |
| 100 | 100m | 325 | 325m |
| 125 | 125m | 350 | 350m |
| 150 | 150m | 375 | 375m |
| 175 | 175m | 400 | 400m |
| 200 | 200m | | |

* Type: SM
Polish: PC
Color: ●

## opticalCON QUAD

Assembled, rugged and lightweight 4-channel mobile field cable, excellent cable retention due to aramid yarn, black PUR outer jacket, available in single and multi mode (PC or APC). The opticalCON QUAD cable connector accommodates four PC optical channels based on conventional and proven LC connectivity protected by a ruggedized and durable all-metal housing. It features a spring loaded push-pull locking mechanism and an excellent cable retention utilizing aramid yarn. The optical connection is exceptionally well protected against dirt and dust by an automatically operated sealing cover. The cable connector comes pre-assembled and is not available as a single component. The cable is available in different lengths and is packed either in a case, on drum or airspool.

Multimode

Monomode

### NK-NKO4M-xxx

Lenght in meters

| | | | | | |
|---|---|---|---|---|---|
| 000-60 | 0,6m | 200 | : | 200m |
| 008 | 8m | 225 | : | 225m |
| 025 | 25m | 250 | : | 250m |
| 050 | 50m | 275 | : | 275m |
| 075 | 75m | 300 | : | 300m |
| 100 | 100m | 325 | : | 325m |
| 125 | 125m | 350 | : | 350m |
| 150 | 150m | 375 | : | 375m |
| 175 | 175m | 400 | : | 400m |

* Fiber: 4
Type: MM
Polish: PC
Color: ●

### NK-NKO4x-xxx

Type: S, SA | Polish: UPC, APC

Lenght in meters

| | | | | | |
|---|---|---|---|---|---|
| 000-60 | 0,6m | 225 | : | 225m |
| 025 | 25m | 250 | : | 250m |
| 050 | 50m | 275 | : | 275m |
| 075 | 75m | 300 | : | 300m |
| 100 | 100m | 325 | : | 325m |
| 125 | 125m | 350 | : | 350m |
| 150 | 150m | 375 | : | 375m |
| 175 | 175m | 400 | : | 400m |
| 200 | 200m | | | |

* Fiber: 4
Type: SM
Color: ●

## opticalCON QUAD X-TREME

Assembled, 4-channel X-TREME cable offering a cut-proof and rodent resistant double jacket glass yarn armored cable construction. Excellent cable retention due to aramid yarn, black PUR outer jacket.The opticalCON QUAD cable connector accommodates four PC optical channels based on conventional and proven LC connectivity protected by a ruggedized and durable all-metal housing. It features a spring loaded push-pull locking mechanism and an excellent cable retention with aramid yarn. The optical connection is exceptionally well protected against dirt and dust by an automatically operated sealing cover.The cable connector comes pre-assembled and is not available as a single component. The cable is available in different lengths and is packed either in a case, on drum or airspool.

UHD 4K8K
SMPTE standard ST2091 pending

Multimode

Monomode

### NK-NKOX4M-xxx

Lenght in meters

| | | | | | |
|---|---|---|---|---|---|
| 000-60 | 0.6m | 225 | : | 225m |
| 025 | 25m | 250 | : | 250m |
| 050 | 50m | 275 | : | 275m |
| 075 | 75m | 300 | : | 300m |
| 100 | 100m | 325 | : | 325m |
| 125 | 125m | 350 | : | 350m |
| 150 | 150m | 375 | : | 375m |
| 175 | 175m | 400 | : | 400m |
| 200 | 200m | | | |

* Fiber: 4
Type: MM
Polish: PC
Color: ●

### NK-NKOX4x-xxx

Type: S, SA | Polish: UPC, APC

Lenght in meters

| | | | | | |
|---|---|---|---|---|---|
| 000-60 | 0.6m | 225 | : | 225m |
| 005 | 5m | 250 | : | 250m |
| 025 | 25m | 275 | : | 275m |
| 050 | 50m | 300 | : | 300m |
| 075 | 75m | 325 | : | 325m |
| 100 | 100m | 350 | : | 350m |
| 125 | 125m | 375 | : | 375m |
| 150 | 150m | 400 | : | 400m |
| 175 | 175m | | | |
| 200 | 200m | | | |

* Fiber: 4
Type: SM
Color: ●

## opticalCON DUO X-TREME

Assembled, 2 channel X-TREME cable offering a cut-proof and rodent resistant double jacket glass yarn armored cable construction. Excellent cable retention due to aramid yarn, black PUR outer jacket. The opticalCON DUO cable connector accommodates a standard optical LC-Duplex connector in a ruggedized and durable all-metal housing. It features a spring loaded push-pull locking mechanism and an excellent cable retention utilizing aramid yarn. The optical connection is exceptionally well protected against dirt and dust by an automatically operated sealing cover. The cable connector comes pre-assembled and is not available as a single component. The cable is available in different lengths and is packed either in a case, on drum or airspool.

UHD 4K8K
SMPTE standard ST2091 pending

NEUTRIK Multimode

NEUTRIK Monomode

### NK-NKOX2M-xxx

Lenght in meters

| | | | | | |
|---|---|---|---|---|---|
| 000-60 | 0,6m | 225 | 225m |
| 025 | 25m | 250 | 250m |
| 050 | 50m | 275 | 275m |
| 075 | 75m | 300 | 300m |
| 100 | 100m | 325 | 325m |
| 125 | 125m | 350 | 350m |
| 150 | 150m | 375 | 375m |
| 175 | 175m | 400 | 400m |
| 200 | 200m | | |

* Fiber: 2
Type: MM
Polish: PC
Color: ●

### NK-NKOX2x-xxx

Lenght in meters

Type: S, SA
Polish: UPC, APC

| | | | | | |
|---|---|---|---|---|---|
| 000-60 | 0,6m | 225 | 225m |
| 025 | 25m | 250 | 250m |
| 050 | 50m | 275 | 275m |
| 075 | 75m | 300 | 300m |
| 100 | 100m | 325 | 325m |
| 125 | 125m | 350 | 350m |
| 150 | 150m | 375 | 375m |
| 175 | 175m | 400 | 400m |
| 200 | 200m | | |

* Fiber: 2
Type: SM
Color: ●

# Broadcast Cables

## Triax Fischer-Lemo

One metre long assemblies made with Triax 8 and 11, used to adapt Lemo 3T and 4E Triax connectors with Fischer 1051.

| Mod. | Connector | Gender | Cable | Mts |
|---|---|---|---|---|
| PT-0001 | FISCHER 1051/LEMO 3T | Male-Male | TRIAX 8 FLEX | 1 |
| PT-0101 | FISCHER 1051/LEMO 3T | Female-Male | TRIAX 8 FLEX | 1 |
| PT-0201 | FISCHER 1051/LEMO 3T | Male-Female | TRIAX 11 FLEX | 1 |
| PT-0301 | FISCHER 1051/LEMO 3T | Female-Female | TRIAX 11 FLEX | 1 |
| PT-0401 | FISCHER 1051/LEMO 4E | Male-Male | TRIAX 8 FLEX | 1 |
| PT-0501 | FISCHER 1051/LEMO 4E | Female-Male | TRIAX 8 FLEX | 1 |
| PT-0601 | FISCHER 1051/LEMO 4E | Male-Female | TRIAX 11 FLEX | 1 |
| PT-0701 | FISCHER 1051/LEMO 4E | Female-Female | TRIAX 11 FLEX | 1 |

## Triax Fischer

SE-KE assemblies made with Triax 8.50 and 11 mm (14 mm on demand) and Fischer connectors of the 1051 series to connect professional broadcast cameras with the CCU.

PT-xxxx

Lenght in meters

1 : TRIAX 8 FLEX
2 : TRIAX 11 FLEX

| | | | | | |
|---|---|---|---|---|---|
| 020 | : 20m | | 150 | : 150m | |
| 025 | : 25m | | 175 | : 175m | |
| 040 | : 40m | | 200 | : 200m | |
| 050 | : 50m | | 300 | : 300m | |
| 075 | : 75m | | 400 | : 400m | |
| 100 | : 100m | | 500 | : 500m | |
| 125 | : 125m | | | | |

* Gender: Macho-Hembra
Color: ●

## Triax Lemo

FFA-FFA assemblies made with Triax 8.50 and 11 mm (14 mm on demand) and Lemo connectors of the 4E and 3T series to connect professional broadcast cameras with the CCU.

• Serie 4E

PT-xxxx

Lenght in meters

3 : TRIAX 8 FLEX
4 : TRIAX 11 FLEX

| | | | | | |
|---|---|---|---|---|---|
| 025 | : 25m | | 175 | : 175m | |
| 050 | : 50m | | 200 | : 200m | |
| 075 | : 75m | | 300 | : 300m | |
| 100 | : 100m | | 400 | : 400m | |
| 125 | : 125m | | 500 | : 500m | |
| 150 | : 150m | | | | |

* Gender: Macho-Macho
Color: ●

# Broadcast Cables

3G SDI · Full HD 1080 · percon

• Serie 3T

LEMO

PT-xxxx

Lenght in meters

5 : TRIAX 8 FLEX
6 : TRIAX 11 FLEX

| | | | | | |
|---|---|---|---|---|---|
| 010 | : | 10m | 150 | : | 150m |
| 025 | : | 25m | 200 | : | 200m |
| 050 | : | 50m | 300 | : | 300m |
| 075 | : | 75m | 400 | : | 400m |
| 100 | : | 100m | 500 | : | 500m |

* Gender: Macho-Macho
Color: ●

## CCU Cables 26 – 26 P.

Multipin assemblies made with multicore cable to connect cameras with the CCU.

• Serie SV Sony

| Mod. | Description | Equivalent | Gender | Mts |
|---|---|---|---|---|
| SV-5502 | 26P. - 26P Prof. Assembly | CCZ-A2 | Male - Female | 2 |
| SV-5505 | 26P. - 26P Prof. Assembly | CCZ-A5 | Male - Female | 5 |
| SV-5510 | 26P. - 26P Prof. Assembly | CCZ-A10 | Male - Female | 10 |
| SV-5515 | 26P. - 26P Prof. Assembly | CCZ-A15 | Male - Female | 15 |
| SV-5518 | 26P. - 26P Prof. Assembly | CCZ-A18 | Male - Female | 18 |
| SV-5520 | 26P. - 26P Prof. Assembly | CCZ-A20 | Male - Female | 20 |
| SV-5525 | 26P. - 26P Prof. Assembly | CCZ-A25 | Male - Female | 25 |
| SV-5530 | 26P. - 26P Prof. Assembly | CCZ-A30 | Male - Female | 30 |
| SV-5540 | 26P. - 26P Prof. Assembly | CCZ-A40 | Male - Female | 40 |
| SV-5550 | 26P. - 26P Prof. Assembly | CCZ-A50 | Male - Female | 50 |
| SV-5560 | 26P. - 26P Prof. Assembly | CCZ-A60 | Male - Female | 60 |
| SV-5570 | 26P. - 26P Prof. Assembly | CCZ-A70 | Male - Female | 70 |
| SV-5580 | 26P. - 26P Prof. Assembly | CCZ-A80 | Male - Female | 80 |
| SV-5600 | 26P. - 26P Prof. Assembly | CCZ-A100 | Male - Female | 100 |
| SV-5625 | 26P. - 26P Prof. Assembly | CCZ-A125 | Male - Female | 125 |
| SV-5650 | 26P. - 26P Prof. Assembly | CCZ-A150 | Male - Female | 150 |
| SV-5660 | 26P. - 26P Prof. Assembly | CCZ-A160 | Male - Female | 160 |
| SV-5675 | 26P. - 26P Prof. Assembly | CCZ-A175 | Male - Female | 175 |
| SV-5700 | 26P. - 26P Prof. Assembly | CCZ-A200 | Male - Female | 200 |
| SV-5750 | 26P. - 26P Prof. Assembly | CCZ-A2050 | Male - Female | 250 |
| SV-5800 | 26P. - 26P Prof. Assembly | CCZ-A300 | Male - Female | 300 |
| SV-5810 | 26P. - 26P Prof. Assembly | CCZ-M10 | Male - Female | 10 |
| SV-5850 | 26P. - 26P Prof. Assembly | CCZ-M50 | Male - Female | 50 |
| SV-5900 | 26P. - 26P Prof. Assembly | CCZ-M100 | Male - Female | 100 |

# Remote Cables

percon

## CCU Cables

• Serie SB (RCP-ROP) Sony - Panasonic

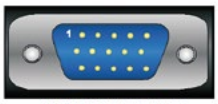
| Mod. | Description | Cable | Equivalent | Gender | Mts |
|---|---|---|---|---|---|
| SB-1102 | 8P.-8P Prof. Assembly | RK 232 | CCA-5-2 | Male - Female | 2 |
| SB-1102V | 8P.-8P Prof. Assembly | TVL 1300 | CCA-5-2 | Male - Female | 2 |
| SB-1103 | 8P.-8P Prof. Assembly | RK 232 | CCA-5-3 | Male - Female | 3 |
| SB-1103V | 8P.-8P Prof. Assembly | TVL 1300 | CCA-5-3 | Male - Female | 3 |
| SB-1105 | 8P.-8P Prof. Assembly | RK 232 | CCA-5-5 | Male - Female | 5 |
| SB-1105V | 8P.-8P Prof. Assembly | TVL 1300 | CCA-5-5 | Male - Female | 5 |
| SB-1110 | 8P.-8P Prof. Assembly | RK 232 | CCA-5-10 | Male - Female | 10 |
| SB-1110V | 8P.-8P Prof. Assembly | TVL 1300 | CCA-5-10 | Male - Female | 10 |
| SB-1115 | 8P.-8P Prof. Assembly | RK 232 | CCA-5-15 | Male - Female | 15 |
| SB-1115V | 8P.-8P Prof. Assembly | TVL 1300 | CCA-5-15 | Male - Female | 15 |
| SB-1120 | 8P.-8P Prof. Assembly | RK 232 | CCA-5-20 | Male - Female | 20 |
| SB-1120V | 8P.-8P Prof. Assembly | TVL 1300 | CCA-5-20 | Male - Female | 20 |
| SB-1130 | 8P.-8P Prof. Assembly | RK 232 | CCA-5-30 | Male - Female | 30 |
| SB-1130V | 8P.-8P Prof. Assembly | TVL 1300 | CCA-5-30 | Male - Female | 30 |
| SB-1150 | 8P.-8P Prof. Assembly | RK 232 | CCA-5-50 | Male - Female | 50 |
| SB-1150V | 8P.-8P Prof. Assembly | TVL 1300 | CCA-5-50 | Male - Female | 50 |
| SB-1160 | 8P.-8P Prof. Assembly | RK 232 | CCA-5-60 | Male - Female | 60 |
| SB-1160V | 8P.-8P Prof. Assembly | TVL 1300 | CCA-5-60 | Male - Female | 60 |
| SB-1180 | 8P.-8P Prof. Assembly | RK 232 | CCA-5-80 | Male - Female | 80 |
| SB-1180V | 8P.-8P Prof. Assembly | TVL 1300 | CCA-5-80 | Male - Female | 80 |
| SB-1200 | 8P.-8P Prof. Assembly | RK 232 | CCA-5-100 | Male - Female | 100 |
| SB-1200V | 8P.-8P Prof. Assembly | TVL 1300 | CCA-5-100 | Male - Female | 100 |
| SB-1225 | 8P.-8P Prof. Assembly | RK 232 | CCA-5-125 | Male - Female | 125 |
| SB-1225V | 8P.-8P Prof. Assembly | TVL 1300 | CCA-5-125 | Male - Female | 125 |
| SB-1250 | 8P.-8P Prof. Assembly | RK 232 | CCA-5-150 | Male - Female | 150 |
| SB-1250V | 8P.-8P Prof. Assembly | TVL 1300 | CCA-5-150 | Male - Female | 150 |
| SB-1275 | 8P.-8P Prof. Assembly | RK 232 | CCA-5-175 | Male - Female | 175 |
| SB-1275V | 8P.-8P Prof. Assembly | TVL 1300 | CCA-5-175 | Male - Female | 175 |
| SB-1300 | 8P.-8P Prof. Assembly | RK 232 | CCA-5-200 | Male - Female | 200 |
| SB-1300V | 8P.-8P Prof. Assembly | TVL 1300 | CCA-5-200 | Male - Female | 200 |

• Serie PH Panasonic

| Mod. | Description | Cable | Gender | Mts |
|---|---|---|---|---|
| PH-0002 | 10P.-10P Prof. Assembly | TVL 1300 / RK 1321 | Male - Female | 2 |
| PH-0005 | 10P.-10P Prof. Assembly | TVL 1300 / RK 1321 | Male - Female | 5 |
| PH-0007 | 10P.-10P Prof. Assembly | TVL 1300 / RK 1321 | Male - Female | 7 |
| PH-0010 | 10P.-10P Prof. Assembly | TVL 1300 / RK 1321 | Male - Female | 10 |
| PH-0020 | 10P.-10P Prof. Assembly | TVL 1300 / RK 1321 | Male - Female | 20 |
| PH-0025 | 10P.-10P Prof. Assembly | TVL 1300 / RK 1321 | Male - Female | 25 |
| PH-0030 | 10P.-10P Prof. Assembly | TVL 1300 / RK 1321 | Male - Female | 30 |
| PH-0050 | 10P.-10P Prof. Assembly | TVL 1300 / RK 1321 | Male - Female | 50 |
| PH-0055 | 10P.-10P Prof. Assembly | TVL 1300 / RK 1321 | Male - Female | 55 |
| PH-0075 | 10P.-10P Prof. Assembly | TVL 1300 / RK 1321 | Male - Female | 75 |
| PH-0100 | 10P.-10P Prof. Assembly | TVL 1300 / RK 1321 | Male - Female | 100 |

# VGA Assemblies

Percon's VGA cable is perfect for any computer monitor installations. Composed by 5 coaxials and 6 control cables, pre-terminated with HD 15 connectors and thumbscrews for easy connection.



VGA M SUB D-15HD

VGA F SUB D-15HD

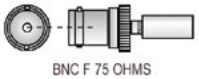
| Mod. | Description | Gender | Mts |
|---|---|---|---|
| PC-5202 | VGA 15/15 Injected Prof. assembly | Male-Male | 1.5 |
| PC-5203 | VGA 15/15 Injected Prof. assembly | Male-Male | 3 |
| PC-5205 | VGA 15/15 Injected Prof. assembly | Male-Male | 5 |
| PC-5210 | VGA 15/15 Injected Prof. assembly | Male-Male | 10 |
| PC-5215 | VGA 15/15 Injected Prof. assembly | Male-Male | 15 |
| PC-5220 | VGA 15/15 Injected Prof. assembly | Male-Male | 20 |
| PC-5225 | VGA 15/15 Injected Prof. assembly | Male-Male | 25 |
| PC-5230 | VGA 15/15 Injected Prof. assembly | Male-Male | 30 |
| PC-5240 | VGA 15/15 Injected Prof. assembly | Male-Male | 40 |
| PC-5250 | VGA 15/15 Injected Prof. assembly | Male-Male | 50 |
| PC-5260 | VGA 15/15 Injected Prof. assembly | Male-Male | 60 |
| PC-5270 | VGA 15/15 Injected Prof. assembly | Male-Male | 70 |
| PC-5280 | VGA 15/15 Injected Prof. assembly | Male-Male | 80 |
| PC-5303 | VGA 15/15 Injected Prof. assembly | Male-Female | 3 |
| PC-5305 | VGA 15/15 Injected Prof. assembly | Male-Female | 5 |
| PC-5310 | VGA 15/15 Injected Prof. assembly | Male-Female | 10 |
| PC-5315 | VGA 15/15 Injected Prof. assembly | Male-Female | 15 |
| PC-5320 | VGA 15/15 Injected Prof. assembly | Male-Female | 20 |
| PC-5325 | VGA 15/15 Injected Prof. assembly | Male-Female | 25 |
| PC-5330 | VGA 15/15 Injected Prof. assembly | Male-Female | 30 |
| PC-5340 | VGA 15/15 Injected Prof. assembly | Male-Female | 40 |
| PC-5350 | VGA 15/15 Injected Prof. assembly | Male-Female | 50 |
| PC-5360 | VGA 15/15 Injected Prof. assembly | Male-Female | 60 |
| PC-5370 | VGA 15/15 Injected Prof. assembly | Male-Female | 70 |
| PC-5380 | VGA 15/15 Injected Prof. assembly | Male-Female | 80 |

## Adapter VGA cable

Cable adapter with a 15 p HD connector in one end and 5 BNC female connectors in the other end to extend the signal using coaxial cables.

| Mod. | Description | Mts |
|---|---|---|
| PC-7200 | VGA 15 HD Female – 5 BNCS Female | 0.2 |
| UCP-SUB | VGA Cover Plate | - |

VGA F SUB D-15HD

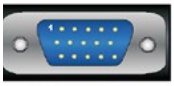


BNC F 75 OHMS

UCP-SUB

## VGA Cables - 5 BNC Breakout cable

Percon VGA to 5 BNCs cable is perfect for any application in which two devices with different formats, such as one PC with one projector or plasma monitor, must be connected.



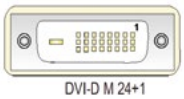
VGA M SUB D-15HD

BNC M 75 OHMS

| Mod. | Description | Gender | Mts |
|---|---|---|---|
| PC-7000 | VGA 15/5BNC Prof. Assembly | Male-Female | 0.20 |
| PC-7001 | VGA 15/5BNC Prof. Assembly | Male-Male | 0.5 |
| PC-7003 | VGA 15/5BNC Prof. Assembly | Male-Male | 3 |
| PC-7005 | VGA 15/5BNC Prof. Assembly | Male-Male | 5 |
| PC-7010 | VGA 15/5BNC Prof. Assembly | Male-Male | 10 |
| PC-7015 | VGA 15/5BNC Prof. Assembly | Male-Male | 15 |
| PC-7020 | VGA 15/5BNC Prof. Assembly | Male-Male | 20 |
| PC-7025 | VGA 15/5BNC Prof. Assembly | Male-Male | 25 |
| PC-7030 | VGA 15/5BNC Prof. Assembly | Male-Male | 30 |
| PC-7040 | VGA 15/5BNC Prof. Assembly | Male-Male | 40 |
| PC-7050 | VGA 15/5BNC Prof. Assembly | Male-Male | 50 |
| PC-7060 | VGA 15/5BNC Prof. Assembly | Male-Male | 60 |
| PC-7070 | VGA 15/5BNC Prof. Assembly | Male-Male | 70 |
| PC-7100 | VGA 15HD/5BNC Prof. Assembly | Male-Male | 100 |
| PC-7103 | VGA 15HD/5BNC Prof. Assembly | Female-Male | 3 |
| PC-7105 | VGA 15HD/5BNC Prof. Assembly | Female-Male | 5 |
| PC-7110 | VGA 15HD/5BNC Prof. Assembly | Female-Male | 10 |
| PC-7115 | VGA 15HD/5BNC Prof. Assembly | Female-Male | 15 |
| PC-7120 | VGA 15HD/5BNC Prof. Assembly | Female-Male | 20 |
| PC-7125 | VGA 15HD/5BNC Prof. Assembly | Female-Male | 25 |
| PC-7130 | VGA 15HD/5BNC Prof. Assembly | Female-Male | 30 |
| PC-7140 | VGA 15HD/5BNC Prof. Assembly | Female-Male | 40 |
| PC-7150 | VGA 15HD/5BNC Prof. Assembly | Female-Male | 50 |

# DVI Cables

Percon DVI-D cables carry digital – only DVI-D signal. It is perfect for digital connectios, suchs as videocards with plasma monitors, projector, etc.




| Mod. | Description | Gender | Mts |
|---|---|---|---|
| PC-8701/DL | DVI-D Dual Link-DVI-D Dual Link | Male-Male | 1 |
| PC-8701/SL | DVI-D Single Link-DVI-D Single Link | Male-Male | 1 |
| PC-8702/DL | DVI-D Dual Link-DVI-D Dual Link | Male-Male | 2 |
| PC-8702/SL | DVI-D Single Link-DVI-D Single Link | Male-Male | 2 |
| PC-8703/DL | DVI-D Dual Link-DVI-D Dual Link | Male-Male | 3 |
| PC-8703/SL | DVI-D Single Link-DVI-D Single Link | Male-Male | 3 |
| PC-8705/DL | DVI-D Dual Link-DVI-D Dual Link | Male-Male | 5 |
| PC-8705/SL | DVI-D Single Link-DVI-D Single Link | Male-Male | 5 |
| PC-8710/DL | DVI-D Dual Link-DVI-D Dual Link | Male-Male | 10 |
| PC-8710/SL | DVI-D Single Link-DVI-D Single Link | Male-Male | 10 |
| PC-8715/DL | DVI-D Dual Link-DVI-D Dual Link | Male-Male | 15 |
| PC-8720/DL | DVI-D Dual Link-DVI-D Dual Link | Male-Male | 20 |
| PC-8720/SL | DVI-D Single Link-DVI-D Single Link | Male-Male | 20 |
| PC-8722/DL | DVI-D Dual Link-DVI-D Dual Link | Male-Male | 22 |
| PC-8725/DL | DVI-D Dual Link-DVI-D Dual Link | Male-Male | 25 |
| PC-8730/DL | DVI-D Dual Link-DVI-D Dual Link | Male-Male | 30 |

## Mini DVI cables

The mini dvi connection is notably used in Apple's G4 Mac PowerBook.

| Mod. | Description | Mts |
|---|---|---|
| PC-8604 | Mini DVI 32P - DVI adapter apple white | 0.2 |
| PC-8605 | Mini DVI 32P - HDMI adapter apple white | 0.2 |
| PC-8606 | Mini DVI 32P - VGA (HD15 Female / Female) adapter apple white | 0.2 |

## DVI adapter cables

| Mod. | Description | Gender | Mts |
|---|---|---|---|
| PC-8500 | Adapt. DVI 24+5-VGA | Male-Female | 0.1 |
| PC-8501 | DVI 24+5-VGA | Male-Female | 1.5 |
| PC-8502-0,1/DL | DVI-D Dual Link-DVI-D Dual Link | Female-Female | 0.1 |
| PC-8502-0,1/SL | DVI-D Single Link-DVI-D Single Link | Female-Female | 0.1 |
| PC-8502-1.8/DL | DVI-D Dual Link-DVI-D Dual Link | Male-Male | 1.8 |
| PC-8502-1.8/SL | DVI-D Single Link-DVI-D Single Link | Male-Male | 1.8 |
| PC-8502-3/DL | DVI-D Dual Link-DVI-D Dual Link | Male-Male | 3 |

## DVI Cables

| Mod. | Description | Gender | Mts |
|---|---|---|---|
| PC-8502-3/SL | DVI-D Single Link-DVI-D Single Link | Macho-Macho | 3 |
| PC-8502-5/DL | DVI-D Dual Link-DVI-D Dual Link | Macho-Macho | 5 |
| PC-8502-5/SL | DVI-D Single Link-DVI-D Single Link | Macho-Macho | 5 |

## HDMI 2.0 Cables

HDMI enables digital audio and video transmission without compression through a single cable. It is used to send high definition signals.

| Mod. | Description | Mts |
|---|---|---|
| PC-8675-0.5-2.0 | HDMI-HDMI 19 PINS 2.0 Premium with HEAC 4K/UHD-1 | 0.5 |
| PC-8675-1-2.0 | HDMI-HDMI 19 PINS 2.0 Premium with HEAC 4K/UHD-1 | 1 |
| PC-8675-2-2.0 | HDMI-HDMI 19 PINS 2.0 Premium with HEAC 4K/UHD-1 | 2 |
| PC-8675-3-2.0 | HDMI-HDMI 19 PINS 2.0 Premium with HEAC 4K/UHD-1 | 3 |
| PC-8675-5-2.0 | HDMI-HDMI 19 PINS 2.0 Premium with HEAC 4K/UHD-1 | 5 |
| PC-8675-7-2.0 | HDMI-HDMI 19 PINS 2.0 Premium with HEAC 4K/UHD-1 | 7 |
| PC-8675-10-2.0 | HDMI-HDMI 19 PINS 2.0 Premium with HEAC 4K/UHD-1 | 10 |
| PC-8675-12-2.0 | HDMI-HDMI 19 PINS 2.0 Premium with HEAC 4K/UHD-1 | 12 |
| PC-8675-15-2.0 | HDMI-HDMI 19 PINS 2.0 Premium with HEAC 4K/UHD-1 | 15 |
| PC-8675-20-2.0 | HDMI-HDMI 19 PINS 2.0 Premium with HEAC 4K/UHD-1 | 20 |
| PC-8675-25 | HDMI-HDMI 19 PINS 2.0 Premium with HEAC 4K/UHD-1 | 25 |
| PC-8675-25-2.0 | HDMI-HDMI 19 PINS 2.0 Premium with HEAC 4K/UHD-1 | 25 |
| PC-8675-30-2.0 | HDMI-HDMI 19 PINS 2.0 Premium with HEAC 4K/UHD-1 | 30 |
| PC-8675-40-2.0 | HDMI-HDMI 19 PINS 2.0 Premium with HEAC 4K/UHD-1 | 40 |
| PC-8675-50-2.0 | HDMI-HDMI 19 PINS 2.0 Premium with HEAC 4K/UHD-1 | 50 |

* IMPORTANT: Please pay attention to the cable polarity.

## HDMI 2.1 Cables

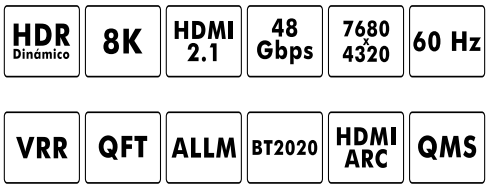
HDMI allows uncompressed digital video and audio to be transmitted over a single cable. Used to send high definition signals.

| Mod. | Description | Mts |
|---|---|---|
| PC-8675-1-2.1 | HDMI-HDMI 19 PINS 2.1 ultra high speed cable 8K@60/4K@120 8K@60/4K@120 alta8K@60/4K@120 | 1 |
| PC-8675-2-2.1 | HDMI-HDMI 19 PINS 2.1 ultra high speed cable 8K@60/4K@120 8K@60/4K@120 alta8K@60/4K@120 | 2 |
| PC-8675-3-2.1 | HDMI-HDMI 19 PINS 2.1 ultra high speed cable 8K@60/4K@120 8K@60/4K@120 alta8K@60/4K@120 | 3 |

# HDMI 2.1 with F.O Cables

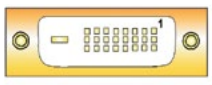
Percon HDMI Active Hybrid Cable provides a state-of-the-art HDMI interconnection solution, which supports HDMI Maximum Data Rate of 12Gbps per channel (total 48Gbps). Percon HDMI 2.1 light, ultra-high speed, flexible and ultra-small hybrid cable offers a long bending radius of 45mm and includes an embedded optical engine. It provides full HDMI signal integrity and supports a maximum length of up to 100m. Plug and Play. No external power is required.

| Mod. | Description | Mts |
|---|---|---|
| PC-8675-3-2.1/FO | HDMI-HDMI 19 PINS 2.1 Ultra high speed cable 8K@60/4K@120 FO | 3 |
| PC-8675-5-2.1/FO | HDMI-HDMI 19 PINS 2.1 Ultra high speed cable 8K@60/4K@120 FO | 5 |
| PC-8675-10-2.1/FO | HDMI-HDMI 19 PINS 2.1 Ultra high speed cable 8K@60/4K@120 FO | 10 |
| PC-8675-15-2.1/FO | HDMI-HDMI 19 PINS 2.1 Ultra high speed cable 8K@60/4K@120 FO | 15 |
| PC-8675-20-2.1/FO | HDMI-HDMI 19 PINS 2.1 Ultra high speed cable 8K@60/4K@120 FO | 20 |
| PC-8675-25-2.1/FO | HDMI-HDMI 19 PINS 2.1 Ultra high speed cable 8K@60/4K@120 FO | 25 |
| PC-8675-30-2.1/FO | HDMI-HDMI 19 PINS 2.1 Ultra high speed cable 8K@60/4K@120 FO | 30 |
| PC-8675-50-2.1/FO | HDMI-HDMI 19 PINS 2.1 Ultra high speed cable 8K@60/4K@120 FO | 50 |
| PC-8675-60-2.1/FO | HDMI-HDMI 19 PINS 2.1 Ultra high speed cable 8K@60/4K@120 FO | 60 |
| PC-8675-70-2.1/FO | HDMI-HDMI 19 PINS 2.1 Ultra high speed cable 8K@60/4K@120 FO | 70 |
| PC-8675-80-2.1/FO | HDMI-HDMI 19 PINS 2.1 Ultra high speed cable 8K@60/4K@120 FO | 80 |
| PC-8675-90-2.1/FO | HDMI-HDMI 19 PINS 2.1 Ultra high speed cable 8K@60/4K@120 FO | 90 |
| PC-8675-100-2.1/FO | HDMI-HDMI 19 PINS 2.1 Ultra high speed cable 8K@60/4K@120 FO | 100 |




# HDMI - DVI Cables

Percon HDMI-DVI adapter cables are designed to connect digital devices that don't have any of these connectors.




| Mod. | Description | Gender | Mts |
|---|---|---|---|
| PC-8650 | HDMI-A 19 PINS-DVI-D 18+1 | Male-Male | 1 |
| PC-8650-2 | HDMI-A 19 PINS-DVI-D 18+1 | Male-Male | 2 |
| PC-8650-3 | HDMI 19 PINS-DVI 18+1 Single Link | Male-Male | 3 |
| PC-8650-5 | HDMI 19 PINS-DVI 18 +1 | Male-Male | 5 |
| PC-8650-10 | HDMI 19 PINS-DVI-D 18+1 | Male-Male | 10 |
| PC-8650-15 | HDMI 19 PINS-DVI-D 24+1 | Male-Male | 15 |
| PC-8650-20 | HDMI 19 PINS-DVI 24+1 | Male-Male | 20 |
| PC-8650-25 | HDMI 19 PINS-DVI 24+1 | Male-Male | 25 |

# Cables Fire Wire 1394

Percon Fire Wire Cable is designed to carry digital data in multimedia devices such as scanners, editing systems, hard disks, recorders, graphic cards...etc..

| Mod. | Description | Mts |
|---|---|---|
| LTM-DV4/4-6 | Firewire 4 PIN-4 PIN | 1.8 |
| LTM-DV4/4-15 | Firewire 4 PIN-4 PIN | 5 |
| LTM-DV4/4-30 | Firewire 4 PIN-4 PIN | 9 |
| LTM-DV4/4-75 | Firewire 4 PIN-4 PIN | 23 |
| LTM-DV4/4-125 | Firewire 4 PIN-4 PIN | 38 |
| LTM-DV4/4-164 | Firewire 4 PIN-4 PIN | 50 |
| LTM-DV6/4-6 | Firewire 6 PIN-4 PIN | 1.8 |
| LTM-DV6/4-15 | Firewire 6 PIN-4 PIN | 5 |
| LTM-DV6/4-30 | Firewire 6 PIN-4 PIN | 9 |
| LTM-DV6/4-70 | Firewire 6 PIN-4 PIN | 21 |
| LTM-DV6/6-6 | Firewire 6 PIN-6 PIN | 1.8 |
| LTM-DV6/6-3 | Firewire 6 PIN-6 PIN | 3 |
| LTM-DV6/6-15 | Firewire 6 PIN-6 PIN | 5 |
| LTM-DV6/6-30 | Firewire 6 PIN-6 PIN | 10 |
| LTM-DV6/6-50 | Firewire 6 PIN-6 PIN | 15 |
| LTM-DV6/6-70 | Firewire 6 PIN-6 PIN | 20 |

## Adapters Fire Wire

Percon adapter cables are designed to convert the 6 pin connectors to 4 pin connectors for the mentioned Fire Wire cables..

**LMT-ADPAT. 6H-4M**

**LMT-ADPAT. 6M-6H**

| Mod. | Description | Gender |
|---|---|---|
| LTM-ADAPT 6M-6H | 6 - 6 Pins | Male-Female |
| LTM-ADAPT 6H-4M | 6 - 4 Pins | Female-Male |

# DSP – Displayport

Digital cable to link devices with input/output port DisplayPort, fully compatible with “DP 1.1a or DP1.2 or DP1.3” and DP++

| Mod. | Description | Mts |
|---|---|---|
| PC-8840-1 | Displayport Male-Male | 1 |
| PC-8840-2 | Displayport Male-Male | 2 |
| PC-8840-3 | Displayport Male-Male | 3 |
| PC-8840-5 | Displayport Male-Male | 5 |
| PC-8840-7,5 | Displayport Male-Male | 7.5 |
| PC-8840-15 | Displayport Male-Male | 15 |

# USB 3.0

percon

Universal series Bus cable, compatible with USB 3.0, with lengths of 1 to 3 metres and available with USB A – USB B connectors as well as USB A – micro USB B.

| Mod. | Description | Mts |
|---|---|---|
| /LA-670 | USB type A/A IEE 1394 Assembly | 1.5 |
| /LA-672 | 2.0 USB-USB B Assembly | 3 |
| /LA-673 | 2.0 USB-USB B Assembly | 5 |
| /LA-675 | 2.0 USB-USB B Assembly | 10 |
| /LA-678 | Prol.Teclado 6P Mini Din Assembly | 15 |
| /LA-680 | 3.0 USB-USB B Assembly | 20 |
| /LA-680-MICRO | 3.0 USB-Micro-USB B Assembly | 25 |
| /LA-681 | 3.0 USB-USB B Assembly | 30 |
| /LA-681-MICRO | 3.0 USB-Micro USB B Assembly | 40 |
| /LA-682 | 3.0 USB-USB B Assembly | 50 |
| /LA-682-MICRO | 3.0 USB-Micro USB B Assembly | 3 |
| /LA-685 | 3.0 USB-USB B Assembly | 5 |

# Cables S-Video

percon

Percon cable transmits Chrominance ( C ) and Luminance ( L ) signals over a coaxial 28 AWG. 4 mini DIN connectors

S-VIDEO MINI DIN 4P M

| Mod. | Description | Mts |
|---|---|---|
| PS-0002 | 4P-4P Y/C Male-Male Prof. Assembly | 1.5 |
| PS-0003 | 4P-4P Y/C Male-Male Prof. Assembly | 3 |
| PS-0005 | 4P-4P Y/C Male-Male Prof. Assembly | 5 |
| PS-0010 | 4P-4P Y/C Male-Male Prof. Assembly | 10 |
| PS-0015 | 4P-4P Y/C Male-Male Prof. Assembly | 15 |
| PS-0020 | 4P-4P Y/C Male-Male Prof. Assembly | 20 |
| PS-0025 | 4P-4P Y/C Male-Male Prof. Assembly | 25 |
| PS-0030 | 4P-4P Y/C Male-Male Prof. Assembly | 30 |
| PS-0040 | 4P-4P Y/C Male-Male Prof. Assembly | 40 |
| PS-0050 | 4P-4P Y/C Male-Male Prof. Assembly | 50 |

## Adapter S-Vídeo cables

Cable adapter used to convert a 4 mini DIN connector to 2 BNC (male or female) connectors.

| Mod. | Description | Mts |
|---|---|---|
| PS-0100 | 4P-2BNC Y/C Male-Male Prof. Assembly | 0.3 |
| PS-0102 | 4P-2BNC Y/C Male-Male Prof. Assembly | 1.8 |
| PS-0103 | 4P-2BNC Y/C Male-Male Prof. Assembly | 3 |
| PS-0105 | 4P-2BNC Y/C Male-Male Prof. Assembly | 5 |
| PS-0110 | 4P-2BNC Y/C Male-Male Prof. Assembly | 10 |
| PS-0200 | 4P-2BNC Y/C Male-Female Prof. Assembly | 0.3 |
| PS-0202 | 4P-2BNC Y/C Male-Female Prof. Assembly | 1.8 |
| PS-0203 | 4P-2BNC Y/C Male-Female Prof. Assembly | 3 |
| PS-0205 | 4P-2BNC Y/C Male-Female Prof. Assembly | 5 |
| PS-0210 | 4P-2BNC Y/C Male-Female Prof. Assembly | 10 |

# Video Cables

Professional video assemblies made with BNC connectors and digital coaxial cable for HD-SDI, 3G-SDI, analogue signals and digital AES-BCN audio.

| Mod. | Description | Mts |
|---|---|---|
| PV-5001 | BNC/BNC UHD-2/18 VK6 Prof. Assembly | 1 |
| PV-5002 | BNC/BNC UHD-2/18 VK6 Prof. Assembly | 2 |
| PV-5003 | BNC/BNC UHD-2/18 VK6 Prof. Assembly | 3 |
| PV-5004 | BNC/BNC UHD-2/18 VK6 Prof. Assembly | 4 |
| PV-5005 | BNC/BNC UHD-2/18 VK6 Prof. Assembly | 5 |
| PV-5010 | BNC/BNC UHD-2/18 VK6 Prof. Assembly | 10 |
| PV-5015 | BNC/BNC UHD-2/18 VK6 Prof. Assembly | 15 |
| PV-5016 | BNC/BNC UHD-2/18 VK6 Prof. Assembly | 16 |
| PV-5020 | BNC/BNC UHD-2/18 VK6 Prof. Assembly | 20 |
| PV-5025 | BNC/BNC UHD-2/18 VK6 Prof. Assembly | 25 |
| PV-5030 | BNC/BNC UHD-2/18 VK6 Prof. Assembly | 30 |
| PV-5035 | BNC/BNC UHD-2/18 VK6 Prof. Assembly | 35 |
| PV-5040 | BNC/BNC UHD-2/18 VK6 Prof. Assembly | 40 |
| PV-5050 | BNC/BNC UHD-2/18 VK6 Prof. Assembly | 50 |
| PV-5101/0,5 | BNC/BNC UHD-2/18G VK 66/VK 680 Prof. Assembly | 0.5 |
| PV-5101 | BNC/BNC UHD-2/18G VK 66/VK 680 Prof. Assembly | 1 |
| PV-5102 | BNC/BNC UHD-2/18G VK 66/VK 680 Prof. Assembly | 2 |
| PV-5103 | BNC/BNC UHD-2/18G VK 66/VK 680 Prof. Assembly | 3 |
| PV-5104 | BNC/BNC UHD-2/18G VK 66/VK 680 Prof. Assembly | 4 |
| PV-5105 | BNC/BNC UHD-2/18G VK 66/VK 680 Prof. Assembly | 5 |
| PV-5107 | BNC/BNC UHD-2/18G VK 66/VK 680 Prof. Assembly | 7 |
| PV-5110 | BNC/BNC UHD-2/18G VK 66/VK 680 Prof. Assembly | 10 |
| PV-5114 | BNC/BNC UHD-2/18G VK 66/VK 680 Prof. Assembly | 14 |
| PV-5115 | BNC/BNC UHD-2/18G VK 66/VK 680 Prof. Assembly | 15 |
| PV-5120/66 | BNC/BNC UHD-2/18G VK 66/VK 680 Prof. Assembly | 20 |
| PV-5120/770 | BNC/BNC UHD-2/18G VK 770/VK 780 Prof. Assembly | 20 |
| PV-5125/66 | BNC/BNC UHD-2/18G VK 66/VK 680 Prof. Assembly | 25 |
| PV-5125/770 | BNC/BNC UHD-2/18G VK 770/VK 780 Prof. Assembly | 25 |
| PV-5128/66 | BNC/BNC UHD-2/18G VK 66/VK 680 Prof. Assembly | 28 |
| PV-5128/770 | BNC/BNC UHD-2/18G VK 770/VK 780 Prof. Assembly | 28 |
| PV-5130/66 | BNC/BNC UHD-2/18G VK 66/VK 680 Prof. Assembly | 30 |
| PV-5130/770 | BNC/BNC UHD-2/18G VK 770/VK 780 Prof. Assembly | 30 |
| PV-5140/66 | BNC/BNC UHD-2/18G VK 66/VK 680 Prof. Assembly | 40 |
| PV-5140/770 | BNC/BNC UHD-2/18G VK 770/VK 780 Prof. Assembly | 40 |
| PV-5150/66 | BNC/BNC UHD-2/18G VK 66/VK 680 Prof. Assembly | 50 |
| PV-5150/770 | BNC/BNC UHD-2/18G VK 770/VK 780 Prof. Assembly | 50 |
| PV-5170/66 | BNC/BNC UHD-2/18G VK 66/VK 680 Prof. Assembly | 70 |
| PV-5170/770 | BNC/BNC UHD-2/18G VK 770/VK 780 Prof. Assembly | 70 |
| PV-5175/66 | BNC/BNC UHD-2/18G VK 66/VK 680 Prof. Assembly | 75 |

| Mod. | Description | Mts |
|---|---|---|
| PV-5175/770 | BNC/BNC UHD-2/18G VK 770/VK 780 Prof. Assembly | 75 |
| PV-5180/66 | BNC/BNC UHD-2/18G VK 66/VK 680 Prof. Assembly | 80 |
| PV-5180/770 | BNC/BNC UHD-2/18G VK 770/VK 780 Prof. Assembly | 80 |
| PV-5160/770 | BNC/BNC UHD-2/18G VK 770/VK 780 Prof. Assembly | 60 |
| PV-5170/66 | BNC/BNC UHD-2/18G VK 66/VK 680 Prof. Assembly | 70 |
| PV-5170/770 | BNC/BNC UHD-2/18G VK 770/VK 780 Prof. Assembly | 70 |
| PV-5175/66 | BNC/BNC UHD-2/18G VK 66/VK 680 Prof. Assembly | 75 |
| PV-5175/770 | BNC/BNC UHD-2/18G VK 770/VK 780 Prof. Assembly | 75 |
| PV-5180/66 | BNC/BNC UHD-2/18G VK 66/VK 680 Prof. Assembly | 80 |
| PV-5180/770 | BNC/BNC UHD-2/18G VK 770/VK 780 Prof. Assembly | 80 |
| PV-5190/66 | BNC/BNC UHD-2/18G VK 66/VK 680 Prof. Assembly | 90 |
| PV-5190/770 | BNC/BNC UHD-2/18G VK 770/VK 780 Prof. Assembly | 90 |
| PV-5200/66 | BNC/BNC UHD-2/18G VK 66/VK 680 Prof. Assembly | 100 |
| PV-5200/770 | BNC/BNC UHD-2/18G VK 770/VK 780 Prof. Assembly | 100 |
| PV-5180/770 | BNC/BNC UHD-2/18G VK 770/VK 780 Prof. Assembly | 80 |
| PV-5160/770 | BNC/BNC UHD-2/18G VK 770/VK 780 Prof. Assembly | 60 |

## Customizable video connections

NEW CPR EN 50575 Ultra HD 4K percon

Ultra-HD coaxial video assemblies designed to transmit digital signals. Supports serial data (SDI) transmission and HDTV formats according to SMPTE 259M (270Mbps), ITU-R BT.601 (Composite PAL 177Mbps) , SMPTE 292M (1,5Gbps) and SMPTE 424M (Prog. Scan. HDTV/3G-SDI) and UHD-1/UHD-2. Designed for mobile applications thanks to its high flexibility. Very low dielectric losses and high velocity of propagation thanks to its low dielectric constant.

| Model | Mts | Cable | Schill reel | BNC type | Video signal |
|---|---|---|---|---|---|
| PERCON-VK66/50/C | 50 | VK 66 ENH+ | SCH-GT 235 RM | 5182-UHD2/18G | 3G-SDI (2K) |
| PERCON-VK680/50/C | 50 | VK 680 SILVER+ | SCH-GT 235 RM | 5182-UHD2/18G | 3G-SDI (2K) + 12G-SDI 4K |
| PERCON-VK680/100/C/TROLLEY | 100 | VK 680 SILVER+ | SCH-GT 310 RM | 5031-UHD2/18G | 3G-SDI (2K) + 12G-SDI 4K |
| PERCON-VK770/50/C/TROLLEY | 50 | VK 770 ENH+ | SCH-GT 310 RM | 5183-UHD2/18G | 3G-SDI (2K) |
| PERCON-VK770/100/C/TROLLEY | 100 | VK 770 ENH+ | SCH-GT 380 RM | 5183-UHD2/18G | 3G-SDI (2K) |
| PERCON-VK780/50/C/TROLLEY | 50 | VK 780 SILVER+ | SCH-GT 310 RM | 5183-UHD2/18G | 3G-SDI (2K) + 12G-SDI 4K |
| PERCON-VK780/100/C/TROLLEY | 100 | VK 780 SILVER+ | SCH-GT 380 RM | 5183-UHD2/18G | 3G-SDI (2K) + 12G-SDI 4K |
| PERCON-VK780/150/C | 150 | VK 780 SILVER+ | SCH-GT 380 RM | 5183-UHD2/18G | 3G-SDI (2K) + 12G-SDI 4K |
| PERCON-VK880/50/C | 50 | VK 880 SILVER+ | SCH-GT 310 RM | 5117-UHD2/18G | 3G-SDI (2K) + 12G-SDI 4K |
| PERCON-VK880/100/C | 100 | VK 880 SILVER+ | SCH-GT 380 RM | 5117-UHD2/18G | 3G-SDI (2K) + 12G-SDI 4K |
| PERCON-VK880/150/C | 150 | VK 880 SILVER+ | SCH-GT 380 RM | 5117-UHD2/18G | 3G-SDI (2K) + 12G-SDI 4K |
| PERCON-VK880/200/C | 200 | VK 880 SILVER+ | SCH-HT 485 RM | 5117-UHD2/18G | 3G-SDI (2K) + 12G-SDI 4K |

# Customizable NEO-CAT connections

Cat 5e and Cat 6 professional network cable assemblies compatible with different communications standards such as AES 67, DANTE, AES 50, MADI, GigaACE, etehrcon, HDBase-T,10MBase-T and 1GBase-T.

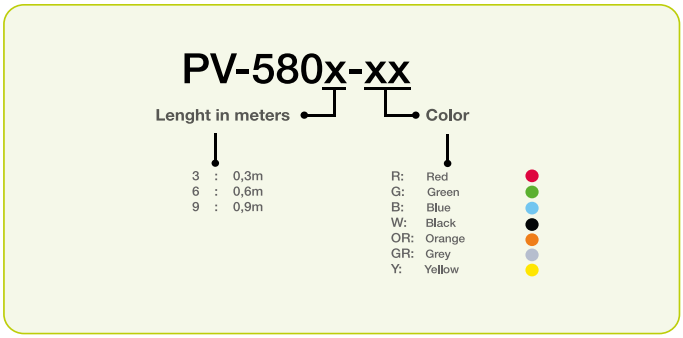
Cat 5e and Cat 6 patchcord assemblies of different sizes, lengths, colors and shielding.

| Model | Mts | Cable | Reel | Connector | Protocol |
|---|---|---|---|---|---|
| PERCON-NEOCAT-5011/50/C | 50 | NEO-CAT 5011 PUR HS/FCA | GT 310 RM | 4045-I | AES 67, DANTE,AES 50, MADI, GigaACE, Ethersound, HDBASET |
| PERCON-NEOCAT-5011/75/C | 75 | NEO-CAT 5011 PUR HS/FCA | GT 310 RM | 4045-I | AES 67, DANTE,AES 50, MADI, GigaACE, Ethersound, HDBASET |
| PERCON-NEOCAT-5011/100/C | 100 | NEO-CAT 5011 PUR HS/FCA | GT 310 RM | 4045-I | AES 67, DANTE,AES 50, MADI, GigaACE, Ethersound, HDBASET |
| PERCON-NEOCAT-5011/150/C | 150 | NEO-CAT 5011 PUR HS/FCA | GT 310 RM | 4045-I | AES 67, DANTE,AES 50, MADI, GigaACE, Ethersound, HDBASET |
| PERCON-NEOCAT-6008/50/C | 50 | NEO-CAT 6008 SUPERFLEX | GT 310 RM | 4045-I | HDBASET, AES 50, MADI, ROCKETNET, GigaACE |
| PERCON-NEOCAT-6008/75/C | 75 | NEO-CAT 6008 SUPERFLEX | GT 380 RM | 4045-I | AES 50,MADI, HDBASET |
| PERCON-NEOCAT-6008/100/C | 100 | NEO-CAT 6008 SUPERFLEX | GT 380 RM | 4045-I | ROCKNET, AES 3 |
| PERCON-SMART-6011/50/C | 50 | NEO-CAT SMART 6011 | GT 310 RM | 4045-I | AES 67,AES 65, 10 BASET, Ethersound, GigaA-CE, MADI, AVB |
| PERCON-SMART-6011/75/C | 75 | NEO-CAT SMART 6011 | GT 380 RM | 4045-I | AES 67,AES 65, 10 BASET, Ethersound, GigaA-CE, MADI, AVB |
| PERCON-SMART-6011/100/C | 100 | NEO-CAT SMART 6011 | GT 380 RM | 4045-I | AES 67, DANTE, HDBASET, AVB, GigaACE, AVB,AES 50 |
| PERCON-SMART-6011/120/C | 120 | NEO-CAT SMART 6011 | GT 380 RM | 4045-I | AES 67,DANTE, MADI, Ethersound,HDBASET |
| PERCON-SMART-6011/150/C | 150 | NEO-CAT SMART 6011 | GT 380 RM | 4045-I | ROCKNET , AES 3 |

# Video cables patchcords

## Musa-Musa Serie

Professional vido assemblies made with Musa-HD and digital coaxial cable optimized for HD-SDI, 3G-SDI applications, analogue signals as well as digital AES-BNC audio. Fully compatible connectors with the analogue Musa version.



# Video cables patchcords

## Standar Size Serie

Professional video assemblies made with Standard Size (WECO) and digital coaxial cable optimized for HD-SDI, 3G-SDI applications, analogue signalas, as well as AES-BCN digital audio.

**VPC-x-xx**

| Lenght in meters | | | Color | |
|---|---|---|---|---|
| 1 | : | 0,3m | R: | Red |
| 1,5 | : | 0,45m | G: | Green |
| 2 | : | 0,6m | B: | Blue |
| 3 | : | 0,9m | W: | Black |
| 4 | : | 1,2m | OR: | Orange |
| 6 | : | 1,8m | GR: | Grey |
| 10 | : | 3m | Y: | Yellow |

## Midsize Serie

Professional video assemblies made with Midsize (mini WECO) connectors and digital coaxial cables, optimized for HD-SGI, 3G-SDI applications, analogue signals, as well as digital audio AES-BNC.

**MPC-x-xx**

| Lenght in meters | | | Color | |
|---|---|---|---|---|
| 1 | : | 0,3m | R: | Red |
| 1,5 | : | 0,45m | G: | Green |
| 2 | : | 0,6m | B: | Blue |
| 3 | : | 0,9m | W: | Black |
| 4 | : | 1,2m | OR: | Orange |
| 6 | : | 1,8m | GR: | Grey |
| 10 | : | 3m | Y: | Yellow |

## Microsize Serie

Professional video assemblies made with Microsize connectors (micro WECO) and digital coaxial cable optimized for HD-SGI, 3G-SDI applications, analogue signals and digital AES/BNC audio.

**KPC-x-xx**

| Lenght in meters | | | Color | |
|---|---|---|---|---|
| 1 | : | 0,3m | R: | Red |
| 1,5 | : | 0,45m | G: | Green |
| 2 | : | 0,6m | B: | Blue |
| 3 | : | 0,9m | W: | Black |
| 4 | : | 1,2m | OR: | Orange |
| 6 | : | 1,8m | GR: | Grey |
| | | | Y: | Yellow |

# Analogue audio Assemblies

Balanced and unbalanced , mono and stereo audio assemblies, made with AK2H cable with double spiral shield (100%) to offer better shielding in balanced connections and AK 1 for unbalanced connections. Available with different audio connectors (Jack, XLR3, RCA...).

## XLR 3 - XLR 3

| Mod. | Description | Gender | Mts |
|---|---|---|---|
| PA-50005N | Audio XLR - XLR NEUTRIK Assembly | Male-Female | 0.5 |
| PA-50005P | Audio XLR - XLR PERCON Assembly | Male-Female | 0.5 |
| PA-5001N | Audio XLR - XLR NEUTRIK Assembly | Male-Female | 1 |
| PA-5001P | Audio XLR - XLR PERCON Assembly | Male-Female | 1 |
| PA-5002N | Audio XLR - XLR NEUTRIK Assembly | Male-Female | 2 |
| PA-5002P | Audio XLR - XLR PERCON Assembly | Male-Female | 2 |
| PA-5003N | Audio XLR - XLR NEUTRIK Assembly | Male-Female | 3 |
| PA-5003P | Audio XLR - XLR PERCON Assembly | Male-Female | 3 |
| PA-5004N | Audio XLR - XLR NEUTRIK Assembly | Male-Female | 4 |
| PA-5004P | Audio XLR - XLR PERCON Assembly | Male-Female | 4 |
| PA-5005N | Audio XLR - XLR NEUTRIK Assembly | Male-Female | 5 |
| PA-5005P | Audio XLR - XLR PERCON Assembly | Male-Female | 5 |
| PA-5006N | Audio XLR - XLR NEUTRIK Assembly | Male-Female | 6 |
| PA-5006P | Audio XLR - XLR PERCON Assembly | Male-Female | 6 |
| PA-5007N | Audio XLR - XLR NEUTRIK Assembly | Male-Female | 7 |
| PA-5007P | Audio XLR - XLR PERCON Assembly | Male-Female | 7 |
| PA-5008N | Audio XLR - XLR NEUTRIK Assembly | Male-Female | 8 |
| PA-5008P | Audio XLR - XLR PERCON Assembly | Male-Female | 8 |
| PA-5009N | Audio XLR - XLR NEUTRIK Assembly | Male-Female | 9 |
| PA-5009P | Audio XLR - XLR PERCON Assembly | Male-Female | 9 |
| PA-5010N | Audio XLR - XLR NEUTRIK Assembly | Male-Female | 10 |
| PA-5010P | Audio XLR - XLR PERCON Assembly | Male-Female | 10 |
| PA-5011N | Audio XLR - XLR NEUTRIK Assembly | Male-Female | 11 |
| PA-5011P | Audio XLR - XLR PERCON Assembly | Male-Female | 11 |
| PA-5012N | Audio XLR - XLR NEUTRIK Assembly | Male-Female | 12 |
| PA-5012P | Audio XLR - XLR PERCON Assembly | Male-Female | 12 |
| PA-5013N | Audio XLR - XLR NEUTRIK Assembly | Male-Female | 13 |
| PA-5013P | Audio XLR - XLR PERCON Assembly | Male-Female | 13 |
| PA-5014N | Audio XLR - XLR NEUTRIK Assembly | Male-Female | 14 |
| PA-5014P | Audio XLR - XLR PERCON Assembly | Male-Female | 14 |
| PA-5015N | Audio XLR - XLR NEUTRIK Assembly | Male-Female | 15 |
| PA-5015P | Audio XLR - XLR PERCON Assembly | Male-Female | 15 |
| PA-5016N | Audio XLR - XLR NEUTRIK Assembly | Male-Female | 16 |
| PA-5016P | Audio XLR - XLR PERCON Assembly | Male-Female | 16 |
| PA-5017N | Audio XLR - XLR NEUTRIK Assembly | Male-Female | 17 |
| PA-5017P | Audio XLR - XLR PERCON Assembly | Male-Female | 17 |
| PA-5018N | Audio XLR - XLR NEUTRIK Assembly | Male-Female | 18 |
| PA-5018P | Audio XLR - XLR PERCON Assembly | Male-Female | 18 |
| PA-5019N | Audio XLR - XLR NEUTRIK Assembly | Male-Female | 19 |

# Analogue audio Assemblies

NEUTRIK percon

## XLR 3 - XLR 3

| Mod. | Description | Gender | Mts |
|---|---|---|---|
| PA-5019P | Audio XLR - XLR PERCON Assembly | Male-Female | 19 |
| PA-5020N | Audio XLR - XLR NEUTRIK Assembly | Male-Female | 20 |
| PA-5020P | Audio XLR - XLR PERCON Assembly | Male-Female | 20 |
| PA-5021N | Audio XLR - XLR NEUTRIK Assembly | Male-Female | 21 |
| PA-5021P | Audio XLR - XLR PERCON Assembly | Male-Female | 21 |
| PA-5022N | Audio XLR - XLR NEUTRIK Assembly | Male-Female | 22 |
| PA-5022P | Audio XLR - XLR PERCON Assembly | Male-Female | 22 |
| PA-5023N | Audio XLR - XLR NEUTRIK Assembly | Male-Female | 23 |
| PA-5023P | Audio XLR - XLR PERCON Assembly | Male-Female | 23 |
| PA-5024N | Audio XLR - XLR NEUTRIK Assembly | Male-Female | 24 |
| PA-5024P | Audio XLR - XLR PERCON Assembly | Male-Female | 24 |
| PA-5025N | Audio XLR - XLR NEUTRIK Assembly | Male-Female | 25 |
| PA-5025P | Audio XLR - XLR PERCON Assembly | Male-Female | 25 |
| PA-5026N | Audio XLR - XLR NEUTRIK Assembly | Male-Female | 26 |
| PA-5026P | Audio XLR - XLR PERCON Assembly | Male-Female | 26 |
| PA-5027N | Audio XLR - XLR NEUTRIK Assembly | Male-Female | 27 |
| PA-5027P | Audio XLR - XLR PERCON Assembly | Male-Female | 27 |
| PA-5028N | Audio XLR - XLR NEUTRIK Assembly | Male-Female | 28 |
| PA-5028P | Audio XLR - XLR PERCON Assembly | Male-Female | 28 |
| PA-5029N | Audio XLR - XLR NEUTRIK Assembly | Male-Female | 29 |
| PA-5029P | Audio XLR - XLR PERCON Assembly | Male-Female | 29 |
| PA-5030N | Audio XLR - XLR NEUTRIK Assembly | Male-Female | 30 |
| PA-5030P | Audio XLR - XLR PERCON Assembly | Male-Female | 30 |
| PA-5031N | Audio XLR - XLR NEUTRIK Assembly | Male-Female | 31 |
| PA-5031P | Audio XLR - XLR PERCON Assembly | Male-Female | 31 |
| PA-5032N | Audio XLR - XLR NEUTRIK Assembly | Male-Female | 32 |
| PA-5032P | Audio XLR - XLR PERCON Assembly | Male-Female | 32 |
| PA-5033N | Audio XLR - XLR NEUTRIK Assembly | Male-Female | 33 |
| PA-5033P | Audio XLR - XLR PERCON Assembly | Male-Female | 33 |
| PA-5034N | Audio XLR - XLR NEUTRIK Assembly | Male-Female | 34 |
| PA-5034P | Audio XLR - XLR PERCON Assembly | Male-Female | 34 |
| PA-5035N | Audio XLR - XLR NEUTRIK Assembly | Male-Female | 35 |
| PA-5035P | Audio XLR - XLR PERCON Assembly | Male-Female | 35 |
| PA-5036N | Audio XLR - XLR NEUTRIK Assembly | Male-Female | 36 |
| PA-5036P | Audio XLR - XLR PERCON Assembly | Male-Female | 36 |
| PA-5037N | Audio XLR - XLR NEUTRIK Assembly | Male-Female | 37 |
| PA-5037P | Audio XLR - XLR PERCON Assembly | Male-Female | 37 |
| PA-5038N | Audio XLR - XLR NEUTRIK Assembly | Male-Female | 38 |
| PA-5038P | Audio XLR - XLR PERCON Assembly | Male-Female | 38 |
| PA-5039N | Audio XLR - XLR NEUTRIK Assembly | Male-Female | 39 |
| PA-5039P | Audio XLR - XLR PERCON Assembly | Male-Female | 39 |
| PA-5040N | Audio XLR - XLR NEUTRIK Assembly | Male-Female | 40 |

| Mod. | Description | Gender | Mts |
|---|---|---|---|
| PA-5040P | Audio XLR - XLR PERCON Assembly | Male-Female | 40 |
| PA-5041N | Audio XLR - XLR NEUTRIK Assembly | Male-Female | 41 |
| PA-5041P | Audio XLR - XLR PERCON Assembly | Male-Female | 41 |
| PA-5042N | Audio XLR - XLR NEUTRIK Assembly | Male-Female | 42 |
| PA-5042P | Audio XLR - XLR PERCON Assembly | Male-Female | 42 |
| PA-5043N | Audio XLR - XLR NEUTRIK Assembly | Male-Female | 43 |
| PA-5043P | Audio XLR - XLR PERCON Assembly | Male-Female | 43 |
| PA-5044N | Audio XLR - XLR NEUTRIK Assembly | Male-Female | 44 |
| PA-5044P | Audio XLR - XLR PERCON Assembly | Male-Female | 44 |
| PA-5045N | Audio XLR - XLR NEUTRIK Assembly | Male-Female | 45 |
| PA-5045P | Audio XLR - XLR PERCON Assembly | Male-Female | 45 |
| PA-5046N | Audio XLR - XLR NEUTRIK Assembly | Male-Female | 46 |
| PA-5046P | Audio XLR - XLR PERCON Assembly | Male-Female | 46 |
| PA-5047N | Audio XLR - XLR NEUTRIK Assembly | Male-Female | 47 |
| PA-5047P | Audio XLR - XLR PERCON Assembly | Male-Female | 47 |
| PA-5048N | Audio XLR - XLR NEUTRIK Assembly | Male-Female | 48 |
| PA-5048P | Audio XLR - XLR PERCON Assembly | Male-Female | 48 |
| PA-5049N | Audio XLR - XLR NEUTRIK Assembly | Male-Female | 49 |
| PA-5049P | Audio XLR - XLR PERCON Assembly | Male-Female | 49 |
| PA-5050N | Audio XLR - XLR NEUTRIK Assembly | Male-Female | 50 |
| PA-5050P | Audio XLR - XLR PERCON Assembly | Male-Female | 50 |
| PA-5075N | Audio XLR - XLR NEUTRIK Assembly | Male-Female | 75 |
| PA-5075P | Audio XLR - XLR PERCON Assembly | Male-Female | 75 |

## XLR 3 - Jack 6.35 mm

| Mod. | Description | Gender | Mts |
|---|---|---|---|
| PA-5201P | Audio XLR-JACK 6,35 Prof. Assembly | Female-Male | 1 |
| PA-5203P | Audio XLR-JACK 6,35 Prof. Assembly | Female-Male | 3 |
| PA-5205P | Audio XLR-JACK 6,35 Prof. Assembly | Female-Male | 5 |
| PA-5210P | Audio XLR-JACK 6,35 Prof. Assembly | Female-Male | 10 |
| PA-5215P | Audio XLR-JACK 6,35 Prof. Assembly | Female-Male | 15 |
| PA-5220P | Audio XLR-JACK 6,35 Prof. Assembly | Female-Male | 20 |
| PA-5225P | Audio XLR-JACK 6,35 Prof. Assembly | Female-Male | 25 |
| PA-5230P | Audio XLR-JACK 6,35 Prof. Assembly | Female-Male | 30 |
| PA-5240P | Audio XLR-JACK 6,35 Prof. Assembly | Female-Male | 40 |
| PA-5250P | Audio XLR-JACK 6,35 Prof. Assembly | Female-Male | 50 |
| PA-5275P | Audio XLR-JACK 6,35 Prof. Assembly | Female-Male | 75 |
| PA-5300P | Audio XLR-JACK 6,35 Prof. Assembly | Female-Male | 100 |
| PA-5401 | Audio XLR-JACK 6,35 Prof. Assembly | Female-Male | 1 |
| PA-5403 | Audio XLR-JACK 6,35 Prof. Assembly | Female-Male | 3 |
| PA-5405 | Audio XLR-JACK 6,35 Prof. Assembly | Female-Male | 5 |
| PA-5410 | Audio XLR-JACK 6,35 Prof. Assembly | Female-Male | 10 |

# Analogue audio Assemblies

## XLR 3- Jack 6.35 mm

| Mod. | Description | Gender | Mts |
|---|---|---|---|
| PA-5415 | Audio XLR-JACK 6,35 Prof. Assembly | Female-Male | 15 |
| PA-5420 | Audio XLR-JACK 6,35 Prof. Assembly | Female-Male | 20 |
| PA-5425 | Audio XLR-JACK 6,35 Prof. Assembly | Female-Male | 25 |
| PA-5430 | Audio XLR-JACK 6,35 Prof. Assembly | Female-Male | 30 |
| PA-5440 | Audio XLR-JACK 6,35 Prof. Assembly | Female-Male | 40 |
| PA-5450 | Audio XLR-JACK 6,35 Prof. Assembly | Female-Male | 50 |
| PA-5475 | Audio XLR-JACK 6,35 Prof. Assembly | Female-Male | 75 |
| PA-5500 | Audio XLR-JACK 6,35 Prof. Assembly | Female-Male | 100 |

## XLR 3 - RCA

| Mod. | Description | Gender | Mts |
|---|---|---|---|
| PA-5601 | Audio XLR-RCA Prof. Assembly | Male-Male | 1 |
| PA-5603 | Audio XLR-RCA Prof. Assembly | Male-Male | 3 |
| PA-5605 | Audio XLR-RCA Prof. Assembly | Male-Male | 5 |
| PA-5610 | Audio XLR-RCA Prof. Assembly | Male-Male | 10 |
| PA-5615 | Audio XLR-RCA Prof. Assembly | Male-Male | 15 |
| PA-5620 | Audio XLR-RCA Prof. Assembly | Male-Male | 20 |
| PA-5625 | Audio XLR-RCA Prof. Assembly | Male-Male | 2 |
| PA-5630 | Audio XLR-RCA Prof. Assembly | Male-Male | 30 |
| PA-5640 | Audio XLR-RCA Prof. Assembly | Male-Male | 40 |
| PA-5650 | Audio XLR-RCA Prof. Assembly | Male-Male | 50 |
| PA-5675 | Audio XLR-RCA Prof. Assembly | Male-Male | 75 |
| PA-5700 | Audio XLR-RCA Prof. Assembly | Male-Male | 100 |
| PA-5801 | Audio XLR-RCA Prof. Assembly | Female-Male | 1 |
| PA-5803 | Audio XLR-RCA Prof. Assembly | Female-Male | 3 |
| PA-5805 | Audio XLR-RCA Prof. Assembly | Female-Male | 5 |
| PA-5810 | Audio XLR-RCA Prof. Assembly | Female-Male | 10 |
| PA-5815 | Audio XLR-RCA Prof. Assembly | Female-Male | 15 |
| PA-5820 | Audio XLR-RCA Prof. Assembly | Female-Male | 20 |
| PA-5825 | Audio XLR-RCA Prof. Assembly | Female-Male | 25 |
| PA-5830 | Audio XLR-RCA Prof. Assembly | Female-Male | 30 |
| PA-5840 | Audio XLR-RCA Prof. Assembly | Female-Male | 40 |
| PA-5850 | Audio XLR-RCA Prof. Assembly | Female-Male | 50 |
| PA-5875 | Audio XLR-RCA Prof. Assembly | Female-Male | 75 |
| PA-5900 | Audio XLR-RCA Prof. Assembly | Female-Male | 100 |

## Jack 6.3 mm - Jack 6.35 mm

| Mod. | Description | Gender | Mts |
|---|---|---|---|
| PA-6001N | Audio (MONO/ST) NEUTRIK Prof. Assembly | Male-Male | 1 |
| PA-6001P | Audio (MONO/ST) PERCON Prof. Assembly | Male-Male | 1 |
| PA-6003N | Audio (MONO/ST) NEUTRIK Prof. Assembly | Male-Male | 3 |
| PA-6003P | Audio (MONO/ST) PERCON Prof. Assembly | Male-Male | 3 |
| PA-6005N | Audio (MONO/ST) NEUTRIK Prof. Assembly | Male-Male | 5 |
| PA-6005P | Audio (MONO/ST) PERCON Prof. Assembly | Male-Male | 5 |

# Analogue audio Assemblies

## Jack 6.35 mm - Jack 6.35 mm

percon

| Mod. | Description | Gender | Mts |
|---|---|---|---|
| PA-6010 | Audio (MONO/ST) Prof. Assembly | Male-Male | 10 |
| PA-6015 | Audio (MONO/ST) Prof. Assembly | Male-Male | 15 |
| PA-6020 | Audio (MONO/ST) Prof. Assembly | Male-Male | 20 |
| PA-6025 | Audio (MONO/ST) Prof. Assembly | Male-Male | 25 |
| PA-6030 | Audio (MONO/ST) Prof. Assembly | Male-Male | 30 |
| PA-6040 | Audio (MONO/ST) Prof. Assembly | Male-Male | 40 |
| PA-6050 | Audio (MONO/ST) Prof. Assembly | Male-Male | 50 |
| PA-6075 | Audio (MONO/ST) Prof. Assembly | Male-Male | 60 |

# Digital audio Assemblies

Balanced and unbalanced professional audio assemblies for digital AES/EBU and SPDIF applications assembled with AK 2034 digital cable with 0.34mm2 cable, low capacitance and 110 ohm nominal impedance. Available with different audio connectors (Jack, XLR3 y RCA).

## XLR 3 - XLR 3

| Mod. | Description | Gender | Mts |
|---|---|---|---|
| PA-1203N | Audio Digital / DMX XLR 3P NEUTRIK Prof. Assembly | Male-Female | 3 |
| PA-1203P | Audio Digital / DMX XLR 3P PERCON Prof. Assembly | Male-Female | 3 |
| PA-1205N | Audio Digital / DMX XLR 3P NEUTRIK Prof. Assembly | Male-Female | 5 |
| PA-1205P | Audio Digital / DMX XLR 3P PERCON Prof. Assembly | Male-Female | 5 |
| PA-1210N | Audio Digital / DMX XLR 3P NEUTRIK Prof. Assembly | Male-Female | 10 |
| PA-1210P | Audio Digital / DMX XLR 3P PERCON Prof. Assembly | Male-Female | 10 |
| PA-1215N | Audio Digital / DMX XLR 3P NEUTRIK Prof. Assembly | Male-Female | 15 |
| PA-1215P | Audio Digital / DMX XLR 3P PERCON Prof. Assembly | Male-Female | 15 |
| PA-1220N | Audio Digital / DMX XLR 3P NEUTRIK Prof. Assembly | Male-Female | 20 |
| PA-1220P | Audio Digital / DMX XLR 3P PERCON Prof. Assembly | Male-Female | 20 |
| PA-1225N | Audio Digital / DMX XLR 3P NEUTRIK Prof. Assembly | Male-Female | 25 |
| PA-1225P | Audio Digital / DMX XLR 3P PERCON Prof. Assembly | Male-Female | 25 |
| PA-1230N | Audio Digital / DMX XLR 3P NEUTRIK Prof. Assembly | Male-Female | 30 |
| PA-1230P | Audio Digital / DMX XLR 3P PERCON Prof. Assembly | Male-Female | 30 |
| PA-1240N | Audio Digital / DMX XLR 3P NEUTRIK Prof. Assembly | Male-Female | 40 |
| PA-1240P | Audio Digital / DMX XLR 3P PERCON Prof. Assembly | Male-Female | 40 |
| PA-1250N | Audio Digital / DMX XLR 3P NEUTRIK Prof. Assembly | Male-Female | 50 |
| PA-1250P | Audio Digital / DMX XLR 3P PERCON Prof. Assembly | Male-Female | 50 |
| PA-1275N | Audio Digital / DMX XLR 3P NEUTRIK Prof. Assembly | Male-Female | 75 |
| PA-1275P | Audio Digital / DMX XLR 3P PERCON Prof. Assembly | Male-Female | 75 |

## XLR 3 - Jack 6.35 mm

| Mod. | Description | Gender | Mts |
|---|---|---|---|
| PA-1503 | XLR 3P -JACK 6,35 Mono Prof. Digital Assembly | Male-Male | 3 |
| PA-1505 | XLR 3P -JACK 6,35 Mono Prof. Digital Assembly | Male-Male | 5 |
| PA-1510 | XLR 3P -JACK 6,35 Mono Prof. Digital Assembly | Male-Male | 10 |
| PA-1520 | XLR 3P -JACK 6,35 Mono Prof. Digital Assembly | Male-Male | 20 |
| PA-1530 | XLR 3P -JACK 6,35 Mono Prof. Digital Assembly | Male-Male | 30 |
| PA-1550 | XLR 3P -JACK 6,35 Mono Prof. Digital Assembly | Male-Male | 50 |
| PA-1560 | XLR 3P -JACK 6,35 Mono Prof. Digital Assembly | Male-Male | 60 |
| PA-1575 | XLR 3P -JACK 6,35 Mono Prof. Digital Assembly | Male-Male | 75 |
| PA-1600 | XLR 3P -JACK 6,35 Mono Prof. Digital Assembly | Male-Male | 100 |
| PA-1803 | XLR 3P -JACK 6,35 Mono Prof. Digital Assembly | Female-Male | 3 |
| PA-1805 | XLR 3P -JACK 6,35 Mono Prof. Digital Assembly | Female-Male | 5 |
| PA-1810 | XLR 3P -JACK 6,35 Mono Prof. Digital Assembly | Female-Male | 10 |
| PA-1820 | XLR 3P -JACK 6,35 Mono Prof. Digital Assembly | Female-Male | 20 |
| PA-1830 | XLR 3P -JACK 6,35 Mono Prof. Digital Assembly | Female-Male | 30 |
| PA-1850 | XLR 3P -JACK 6,35 Mono Prof. Digital Assembly | Female-Male | 50 |
| PA-1875 | XLR 3P -JACK 6,35 Mono Prof. Digital Assembly | Female-Male | 75 |
| PA-1900 | XLR 3P -JACK 6,35 Mono Prof. Digital Assembly | Female-Male | 100 |

## XLR 3 - Jack 6.35 ST

| Mod. | Description | Gender | Mts |
|---|---|---|---|
| PA-2003 | XLR 3P-JACK 6,35 ST Prof. Digital Assembly | Male-Male | 3 |
| PA-2005 | XLR 3P-JACK 6,35 ST Prof. Digital Assembly | Male-Male | 5 |
| PA-2010 | XLR 3P-JACK 6,35 ST Prof. Digital Assembly | Male-Male | 10 |
| PA-2050 | XLR 3P-JACK 6,35 ST Prof. Digital Assembly | Male-Male | 50 |
| PA-2075 | XLR 3P-JACK 6,35 ST Prof. Digital Assembly | Male-Male | 75 |
| PA-2100 | XLR 3P-JACK 6,35 ST Prof. Digital Assembly | Male-Male | 100 |
| PA-2203 | XLR 3P-JACK 6,35 ST Prof. Digital Assembly | Female-Male | 3 |
| PA-2205 | XLR 3P-JACK 6,35 ST Prof. Digital Assembly | Female-Male | 5 |
| PA-2210 | XLR 3P-JACK 6,35 ST Prof. Digital Assembly | Female-Male | 10 |
| PA-2220 | XLR 3P-JACK 6,35 ST Prof. Digital Assembly | Female-Male | 20 |
| PA-2230 | XLR 3P-JACK 6,35 ST Prof. Digital Assembly | Female-Male | 30 |
| PA-2250 | XLR 3P-JACK 6,35 ST Prof. Digital Assembly | Female-Male | 50 |
| PA-2275 | XLR 3P-JACK 6,35 ST Prof. Digital Assembly | Female-Male | 75 |
| PA-2300 | XLR 3P-JACK 6,35 ST Prof. Digital Assembly | Female-Male | 100 |

## XLR 3 - RCA

| Mod. | Description | Gender | Mts |
|---|---|---|---|
| PA-2503 | XLR 3P- RCA Prof. Digital Assembly | Male-Male | 3 |
| PA-2505 | XLR 3P- RCA Prof. Digital Assembly | Male-Male | 5 |
| PA-2510 | XLR 3P- RCA Prof. Digital Assembly | Male-Male | 10 |
| PA-2520 | XLR 3P- RCA Prof. Digital Assembly | Male-Male | 20 |
| PA-2525 | XLR 3P- RCA Prof. Digital Assembly | Male-Male | 25 |
| PA-2550 | XLR 3P- RCA Prof. Digital Assembly | Male-Male | 50 |
| PA-2603 | XLR 3P- RCA Prof. Digital Assembly | Female-Male | 3 |
| PA-2605 | XLR 3P- RCA Prof. Digital Assembly | Female-Male | 5 |
| PA-2610 | XLR 3P- RCA Prof. Digital Assembly | Female-Male | 10 |
| PA-2620 | XLR 3P- RCA Prof. Digital Assembly | Female-Male | 20 |
| PA-2625 | XLR 3P- RCA Prof. Digital Assembly | Female-Male | 25 |
| PA-2650 | XLR 3P- RCA Prof. Digital Assembly | Female-Male | 50 |

## Jack 6.35 mm - Jack 6.35 mm

| Mod. | Description | Gender | Mts |
|---|---|---|---|
| PA-27015 | JACK 6,35 MONO Prof. Digital Assembly | Male-Male | 1.5 |
| PA-2702 | JACK 6,35 MONO Prof. Digital Assembly | Male-Male | 2 |
| PA-2703 | JACK 6,35 MONO Prof. Digital Assembly | Male-Male | 3 |
| PA-2705 | JACK 6,35 MONO Prof. Digital Assembly | Male-Male | 5 |
| PA-2710 | JACK 6,35 MONO Prof. Digital Assembly | Male-Male | 10 |
| PA-2720 | JACK 6,35 MONO Prof. Digital Assembly | Male-Male | 20 |
| PA-2725 | JACK 6,35 MONO Prof. Digital Assembly | Male-Male | 25 |
| PA-2750 | JACK 6,35 MONO Prof. Digital Assembly | Male-Male | 50 |
| PA-2801 | JACK 6,35 ST Prof. Digital Assembly | Male-Male | 1 |
| PA-2802 | JACK 6,35 ST Prof. Digital Assembly | Male-Male | 2 |
| PA-2803 | JACK 6,35 ST Prof. Digital Assembly | Male-Male | 3 |
| PA-2805 | JACK 6,35 ST Prof. Digital Assembly | Male-Male | 5 |
| PA-2810 | JACK 6,35 ST Prof. Digital Assembly | Male-Male | 10 |
| PA-2825 | JACK 6,35 ST Prof. Digital Assembly | Male-Male | 25 |
| PA-2850 | JACK 6,35 ST Prof. Digital Assembly | Male-Male | 50 |

## Jack 6.35 mm - RCA

| Mod. | Description | Gender | Mts |
|---|---|---|---|
| PA-2903 | JACK 6,35 MONO -RCA Prof. Digital Assembly | Male-Male | 3 |
| PA-2905 | JACK 6,35 MONO -RCA Prof. Digital Assembly | Male-Male | 5 |
| PA-2910 | JACK 6,35 MONO -RCA Prof. Digital Assembly | Male-Male | 10 |
| PA-2920 | JACK 6,35 MONO -RCA Prof. Digital Assembly | Male-Male | 20 |
| PA-2925 | JACK 6,35 MONO -RCA Prof. Digital Assembly | Male-Male | 25 |
| PA-2950 | JACK 6,35 MONO -RCA Prof. Digital Assembly | Male-Male | 50 |

# Patchcords audio

## Bantam

Professional balanced audio assemblies for digital AES/EBU,SPDIF and analogue applications; made with digital AK 2111 PATCH with 0.14mm2 section, low capacitance and 110 ohm nominal impedance. Availble with 4.40mm Bantam audio 4.40mmm connectors connectors.

**BPC-x-xx**

| Lenght in meters | | | Color | | |
|---|---|---|---|---|---|
| 1 | : | 0,3m | R: | Red | |
| 1,5 | : | 0,45m | G: | Green | |
| 2 | : | 0,6m | B: | Blue | |
| 3 | : | 0,9m | W: | Black | |
| 4 | : | 1,2m | OR: | Orange | |
| 6 | : | 1,8m | GR: | Grey | |
| 10 | : | 3,05m | Y: | Yellow | |

## Longframe

Professional balanced audio assemblies made with  AK 2H Cable. Available with audio Longframe ¼" B-Gauge connectors.

**LPC-x-xx**

| Lenght in meters | | | Color | | |
|---|---|---|---|---|---|
| 1 | : | 0,3m | R: | Red | |
| 1,5 | : | 0,45m | G: | Green | |
| 2 | : | 0,6m | B: | Blue | |
| 3 | : | 0,9m | W: | Black | |
| 4 | : | 1,2m | OR: | Orange | |
| 6 | : | 1,8m | GR: | Grey | |
| | | | Y: | Yellow | |

# Customizable RJ 45- RJ 45 connections

NEW percon

Category 5e and 6 patchcord connections in different sizes, lengths, colors and type of shielding.

| Ref | Description | Colour | Mts |
|---|---|---|---|
| 4600HF-GREY/FTP/0,25 | PATCHORD CAT5e LSOH FTP | | 0.25 |
| 4600HF-GREY/FTP/0,5 | PATCHORD CAT5e LSOH FTP | | 0.5 |
| 4600HF-GREY/UTP/0,25 | PATCHORD CAT5e LSOH UTP | | 0.25 |
| 4600HF-GREY/UTP/0,5 | PATCHORD CAT5e LSOH UTP | | 0.5 |
| 4601HF-GREY/FTP | PATCHORD CAT.5e LSOH FTP | | 1 |
| 4601HF-GREY/UTP | PATCHORD CAT5e LSOH UTP | | 1 |
| 4602-GREY/UTP | PATCHORD CAT5e PVC UTP | | 2 |
| 4602HF-GREY/FTP | PATCHORD CAT5e LSOH FTP | | 2 |
| 4602HF-GREY/UTP | PATCHORD CAT5e LSOH UTP | | 2 |
| 4603-GREY/UTP | PATCHORD CAT5e PVC UTP | | 3 |
| 4603HF-BLUE/UTP | PATCHORD CAT5e LSOH UTP | | 3 |
| 4603HF-GREY/FTP | PATCHORD CAT5e LSOH FTP | | 3 |
| 4603HF-GREY/UTP | PATCHORD CAT5e LSOH UTP | | 3 |
| 4605HF-GREY/FTP | PATCHORD CAT5e LSOH UTP | | 5 |
| 4615HF-GREY/FTP | PATCHORD CAT5e LSOH FTP | | 15 |
| 4700HF-BLACK/FTP/0,5 | PATCHORD CAT6 LSZH FTP | | 0.5 |
| 4700HF-GREY/FTP/0,25 | PATCHORD CAT6 LSZH FTP | | 0.25 |
| 4700HF-GREY/FTP/0,5 | PATCHORD CAT6 LSZH FTP | | 0.5 |
| 4700HF-GREY/UTP/0,25 | PATCHORD CAT6 LSZH UTP | | 0.25 |
| 4700HF-GREY/UTP/0,5 | PATCHORD CAT6 LSZH UTP | | 0.5 |
| 4701,5HF-GREY/UTP | PATCHORD CAT6 LSZH UTP | | 1.5 |
| 4701HF-BLACK/FTP | PATCHORD CAT6 LSZH S/FTP | | 1 |
| 4701HF-GREY/FTP | PATCHORD CAT6 LSZH FTP | | 1 |
| 4701HF-GREY/UTP | PATCHORD CAT6 LSZH UTP | | 1 |
| 4702HF-GREY/FTP | PATCHORD CAT6 LSZH S/FTP | | 2 |
| 4702HF-GREY/UTP | PATCHORD CAT6 LSZH UTP | | 2 |
| 4703-BLUE/UTP | PATCHORD CAT6 PVC UTP | | 3 |
| 4703-GREEN/UTP | PATCHORD CAT6 PVC UTP | | 3 |
| 4703HF-BLACK/FTP | PATCHORD CAT6 LSZH S/FTP | | 3 |
| 4703HF-GREY/FTP | PATCHORD CAT6 LSZH S/FTP | | 3 |
| 4703HF-GREY/UTP | PATCHORD CAT6 LSZH UTP | | 3 |
| 4703-RED/UTP | PATCHORD CAT6 PVC UTP | | 3 |
| 4703-YELLOW/UTP | PATCHORD CAT6 PVC UTP | | 3 |
| 4705HF-BLACK/FTP | PATCHORD CAT6 LSZH FTP | | 5 |
| 4705HF-GREY/FTP | PATCHORD CAT6 LSZH FTP | | 5 |
| 4705HF-GREY/UTP | PATCHORD CAT6 LSZH UTP | | 5 |
| 4710HF-BLACK/FTP | PATCHORD CAT6 LSZH FTP | | 10 |
| 4710HF-GREY/UTP | PATCHORD CAT6 LSZH UTP | | 10 |
| 4710HF-RED/FTP | PATCHORD CAT6 LSZH FTP | | 10 |
| 4710-WHITE/UTP | PATCHORD CAT6 PVC UTP | | 10 |
| 4710-YELLOW/UTP | PATCHORD CAT6 PVC UTP | | 10 |

# Conexiones RJ 45- RJ 45 customizables

NEW

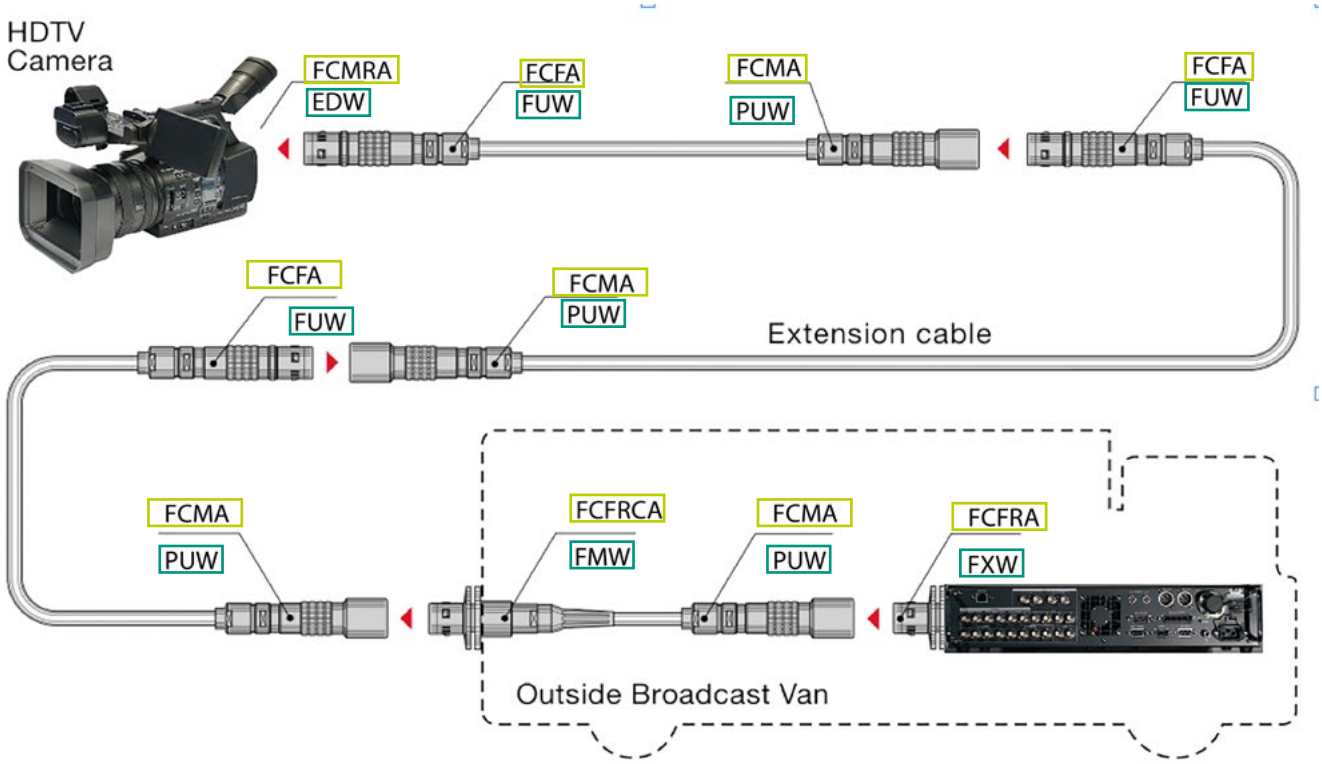
percon

| Ref | Description | Colour | MTS |
|---|---|---|---|
| 4715-BLUE/FTP/ETH | PATCHORD CAT6 PVC FTP ETH | | 15 |
| 4715HF-BLACK/FTP | PATCHORD CAT6 LSZH FTP | | 15 |
| 4715HF-GREY/FTP | PATCHORD CAT6 LSZH FTP | | 15 |
| 4715HF-RED/FTP | PATCHORD CAT6 LSZH FTP | | 15 |
| 4715-YELLOW/UTP | PATCHORD CAT6 PVC UTP | | 15 |
| 4720-GREY/UTP | PATCHORD CAT6 PVC UTP | | 20 |
| 4800HF-BLACKSFTP/0,5 | PATCHORD CAT6A LSZH S-FTP | | 0.5 |
| 4800HF-BLACKSFTP/025 | PATCHORD CAT6A LSZH S-FTP | | 0.25 |
| 4800HF-BLUE/SFTP/0,5 | PATCHORD CAT6A LSZH S-FTP | | 0.5 |
| 4800HF-BLUE/SFTP/025 | PATCHORD CAT6A LSZH S-FTP | | 0.25 |
| 4800HF-GREENSFTP/0,5 | PATCHORD CAT6A LSZH S-FTP | | 0.5 |
| 4800HF-GREENSFTP/025 | PATCHORD CAT6A LSZH S-FTP | | 0.25 |
| 4800HF-GREY/SFTP/0,5 | PATCHORD CAT6A LSZH S-FTP | | 0.5 |
| 4800HF-RED/SFTP/0,5 | PATCHORD CAT6A LSZH S-FTP | | 0.5 |
| 4800HF-RED/SFTP/025 | PATCHORD CAT6A LSZH S-FTP | | 0.25 |
| 4801,5HF-BLUE/SFTP | PATCHORD CAT6A LSZH S-FTP | | 1.5 |
| 4801,5HF-GREY/SFTP | PATCHORD CAT6A LSZH S-FTP | | 1.5 |
| 4801HF-BLACK/SFTP | PATCHORD CAT6A LSZH S-FTP | | 1 |
| 4801HF-BLUE/SFTP | PATCHORD CAT6A LSZH S-FTP | | 1 |
| 4801HF-GREEN/SFTP | PATCHORD CAT6A LSZH S-FTP | | 1 |
| 4801HF-GREY/SFTP | PATCHORD CAT6A LSZH S-FTP | | 1 |
| 4801HF-RED/SFTP | PATCHORD CAT6A LSZH S-FTP | | 1 |
| 4802HF-BLACK/SFTP | PATCHORD CAT6A LSZH S-FTP | | 2 |
| 4802HF-BLUE/SFTP | PATCHORD CAT6A LSZH S-FTP | | 2 |
| 4802HF-GREEN/SFTP | PATCHORD CAT6A LSZH S-FTP | | 2 |
| 4802HF-GREY/SFTP | PATCHORD CAT6A LSZH S-FTP | | 2 |
| 4802HF-RED/SFTP | PATCHORD CAT6A LSZH S-FTP | | 2 |
| 4803HF-BLACK/SFTP | PATCHORD CAT6A LSZH S-FTP | | 3 |
| 4803HF-BLUE/SFTP | PATCHORD CAT6A LSZH S-FTP | | 3 |
| 4803HF-GREEN/SFTP | PATCHORD CAT6A LSZH S-FTP | | 3 |
| 4803HF-GREY/SFTP | PATCHORD CAT6A LSZH S-FTP | | 3 |
| 4803HF-RED/SFTP | PATCHORD CAT6A LSZH S-FTP | | 3 |
| 4804HF-BLUE/SFTP | PATCHORD CAT6A LSZH S-FTP | | 4 |
| 4805HF-BLACK/SFTP | PATCHORD CAT6A LSZH S-FTP | | 5 |
| 4805HF-BLUE/SFTP | PATCHORD CAT6A LSZH S-FTP | | 5 |
| 4805HF-GREY/SFTP | PATCHORD CAT6A LSZH S-FTP | | 5 |
| 4807HF-GREY/SFTP | PATCHORD CAT6A LSZH S-FTP | | 7 |
| 4808HF-BLUE/SFTP | PATCHORD CAT6A LSZH S-FTP | | 8 |
| 4808HF-GREY/SFTP | PATCHORD CAT6A LSZH S-FTP | | 8 |
| 4810HF-BLUE/SFTP | PATCHORD CAT6A LSZH S-FTP | | 10 |
| 4810HF-GREY/SFTP | PATCHORD CAT6A LSZH S-FTP | | 10 |

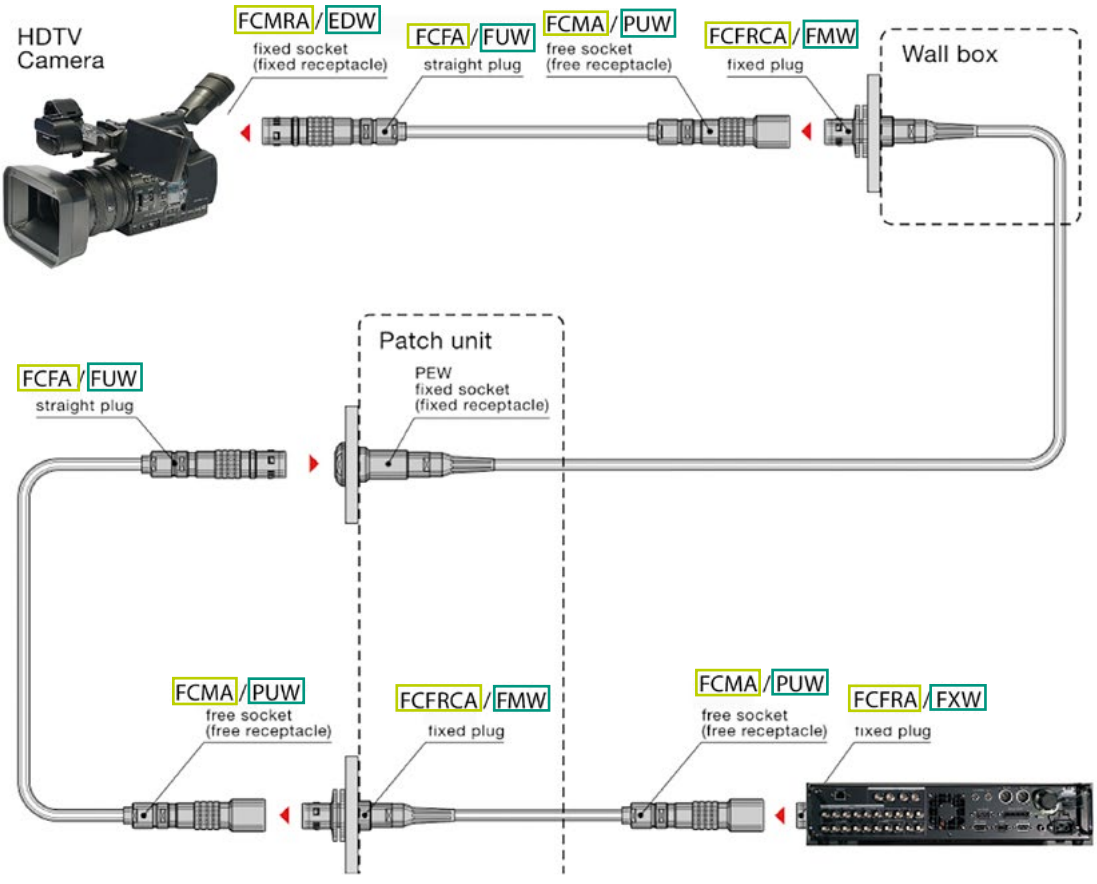
# TECHNICAL INFORMATION

# Fiber Optic

Outside Broadcast Van Configuration




Studio Configuration



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