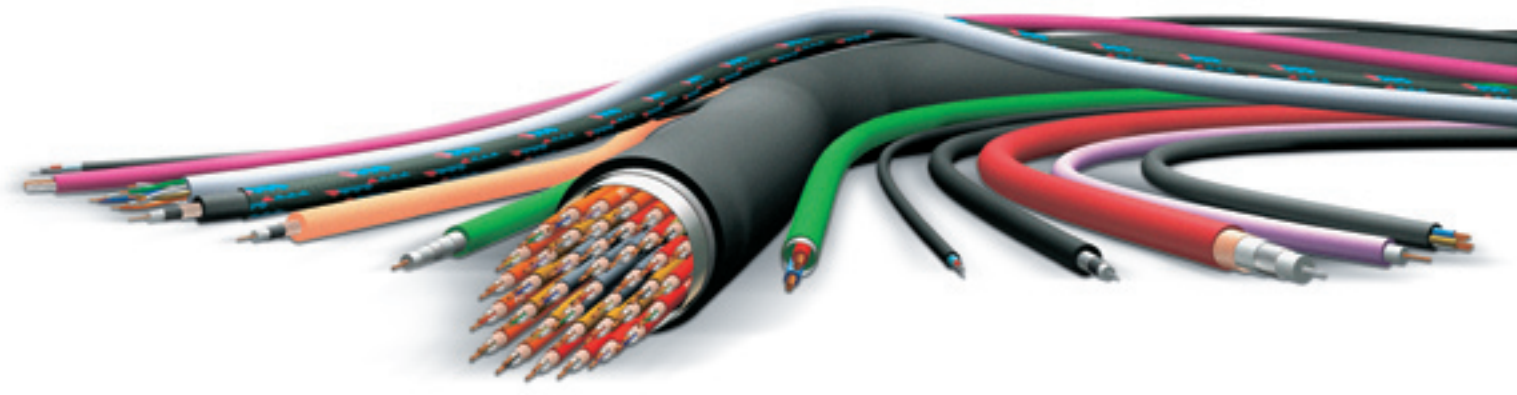
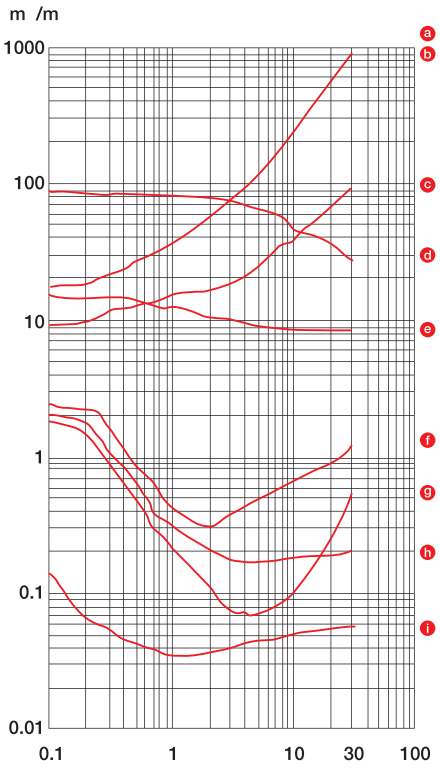
PROEL BULK CABLE



• PROEL professional cables always grant the absolute integrity of the signal and the clear transmission of sound. PROEL, also thanks to the use of selected raw materials and advanced machinery, is constantly committed to grant the highest levels of production, design and quality control. Our research laboratory is able to perform the main physical/electrical tests on materials such as: tensile strength tests, flame and fire resistance tests, toxicity of fire-treated materials tests, as well as electrical tests such as insulation resistance, dielectric strength, elongation at break test, impedance, capacitance, shield transfer impedance tests, etc. PROEL offers his customers a remarkable variety of professional lines, the best for any requirement, from the studio cable management to the permanent live installations.

MAIN CABLE REGULATIONS



A) COPPER SPIRAL 90%
B) COPPER BRAID 75%
C) COPPER BRAID 90%
D) ALUMINIUM/POLYESTER
E) ALUMINIUM/POLYESTER + COPPER BRAID 95%
F) DOUBLE COPPER BRAID 95% WITHOUT SEPARATION
G) COPPER BRAID 95% + SEPARATING TAPE + COPPER BRAID 95%
H) COPPER BRAID 95% + ALUMINIUM/POLYESTER + COPPER BRAID 95%
I) COPPER BRAID 95% + MOMETAL + COPPER BRAID 95%

LOW FUMES RELEASE

Italian regulations:	CEI 20-37/III
International regulations:	VDE 0472 teil 816
	IEC/TC20/WG12
	UTE .C .20-902 • HD 606.2 S1

LOW GAS TOXICITY RATE

Italian regulations:	CEI 20-37/II
International regulations:	NF. C 20-454
	AFNOR X 70/100

LOW CORROSIVE GAS RELEASE

Italian regulations:	CEI 20-37/I • CEI 20-37/2
International regulations:	VDE 0472 teil 813/815
	IEC 754-1,754-2
	NF. C 20-453 • HD 602 S1

FLAME RESISTANCE

Italian regulations:	CEI 20-35
International regulations:	MIL-C 17
	VDE 0472 teil 804
	IEC 332.1 • UL 758
	NF. C 32-070 C2 • HD 405.1

MAIN CABLE ELECTRICAL PARAMETERS

RESISTANCE

• *(Measured in Ohm/length unit @ 20°C) The conductor resistance is of utmost importance for the determination of the signal's capacity of transfer on the line of transmission. The higher is the resistance the more the transmitted signal will lose ts strength and as a consequence the ability to arrive at destination. Its value is given by the conductor's material resistivity vs. its section.*

CAPACITANCE

• *(Measured in Farad/length unit) The capacity expresses the tendency of a dielectric material between conductors to store dielectric energy when a difference of potential exists between the conductors. It is always better to use low capacitance cables in order to allow transmissions over longer distances.*

NOMINAL IMPEDANCE

• *(Measured in Ohm) The impedance value indicates the total opposition that a transmission line offers to the flow of any varying current. In a long distance or high frequency transmission system, the most important components for impedance are: (a) correspondence between cable impedance and receiving system impedance (to avoid the signal's reflection and distortion); (b) impedance uniformity (linked to conductor quality, cable geometry and dielectric uniformity).*

ATTENUATION

• *(Measured in Decibels/length unit) The attenuation determines the transmission level of a line (usually input voltage vs. output voltage). The signal's attenuation turns into a decrease and a distortion of the signal with a loss in the voltage peak and an impulse slowing.*

VELOCITY OF PROPAGATION

• *(Measured in percentage) The velocity of propagation is the time required by a signal to travel through a transmission line. "Vp" indicates the transmission speed of electrical energy in a length of cable compared to speed of light in free space and it is expressed as a percentage (insulation material dielectric constant dependant value).*

WORKING TENSION

• *(Measured in Volts) The working tension of a cable is limited by its heating and by the dielectric softening temperature. The transferable power depends on materials and on cable dimensions as well as, of course, room temperature.*

CONVERSION TABLES

• WEIGHT CONVERSION TABLE

Ounce x 28.35	= Gram
Gram x 0.003527	= Ounce
Pound x 0.4536	= Kilogram
Kilogram x 2.205	= Pound
Kilograms/km x 0.6214	= Pounds/kft
Pounds/kft x 1.4881	= Kilogram/km

• AREA CONVERSION TABLE

Sq. Inch x 6.452	= Sq. Centimeter
Sq. Centimeter x 0.1550	= Sq. Inch
Sq. Foot x 0.0929	= Sq. Meter
Sq. Meter x 10.76	= Sq. Foot
Sq. Mile x 2.590	= Sq. Kilometer
Sq. Kilometer x 0.3861	= Sq. Mile
Circular Mil x 0.7854	= Sq. Mil

• LENGTH CONVERSION TABLE

Inch x 25.40	= Millimeters
Millimetres x 0.03937	= Inches
Feet x 0.3048	= Meters
Miles x 1.609	= Kilometers
Kilometers x 0.6214	= Miles
Ohms/Km x 0.3048	= Ohms/kft
Meters x 3.2808	= Feet
Meters x 39.3701	= Inches
Meters x 1.0936	= Yards
Mils x 0.001	= Inches
Mils x 0.0254	= Millimeters
Ohms/kft x 3.2808	= Ohms/km
pF/foot x 3.285	= pF/meter

• METRIC CODES TABLE

Tera	= 1012 (T)
Giga	= 109 (G)
Mega	= 106 (M)
Kilo	= 103 (k)
Hecto	= 102 (h)
Deca	= 101 (da)
Deci	= 10-1 (d)
Centi	= 10-2 (c)
Milli	= 10-3 (m)
Micro	= 10-6 (µ)
Nano	= 10-9 (n)
Pico	= 10-12 (p)

AWG	DIAMETER mm		SECTION mm2		RESISTANCE @20°C (Ohm/Km)	WEIGHT (g/m)
43	2.2	0.055	4.84	0.0025	7021	0.0218
42	2.5	0.063	6.25	0.0032	5446	0.0281
41	2.8	0.071	7.84	0.0039	4330	0.0352
40	3.1	0.079	9.61	0.0049	3540	0.0433
39	3.5	0.089	12.3	0.0062	2780	0.0552
38	4.0	0.102	16.0	0.0081	2130	0.0720
37	4.5	0.114	20.3	0.0103	1680	0.0912
36	5.0	0.127	25.0	0.0127	1360	0.1126
35	5.6	0.142	31.4	0.0159	1080	0.1412
34	6.3	0.160	39.7	0.0201	857	0.1785
33	7.1	0.180	50.4	0.0255	675	0.2276
32	8.0	0.203	64.0	0.0324	532	0.2886
31	8.9	0.226	79.2	0.0401	430	0.3571
30	10.0	0.254	100	0.0507	340	0.4508
29	11.3	0.287	128	0.0649	266	0.5758
28	12.6	0.320	159	0.0806	214	0.7157
27	14.2	0.361	202	0.102	169	0.9076
26	15.9	0.404	253	0.128	135	1.1383
25	17.9	0.455	320	0.162	106	1.4433
24	20.1	0.511	404	0.205	84.2	1.8153
23	22.6	0.574	511	0.259	66.6	2.3064
22	25.3	0.643	640	0.324	53.2	2.8867
21	28.5	0.724	812	0.411	41.9	3.6604
20	32.0	0.813	1020	0.519	33.2	4.6128
19	35.9	0.912	1290	0.653	26.4	5.8032
18	40.3	1.02	1620	0.823	21.0	7.3209
17	45.3	1.15	2050	1.04	16.6	9.2404
16	50.8	1.29	2580	1.31	13.2	11.6212
15	57.1	1.45	3260	1.65	10.4	14.6885
14	64.1	1.63	4110	2.08	8.28	18.4512
13	72.0	1.83	5180	2.63	6.56	23.3616
12	80.8	2.05	6530	3.31	5.21	29.4624
11	90.7	2.30	8230	4.17	4.14	37.0512
10	101.9	2.588	10380	5.26	3.277	46.7232
9	114.4	2.906	13090	6.63	2.600	58.9248
8	125.5	3.264	16510	8.37	2.061	74.4000
7	114.3	3.655	20820	10.55	1.634	93.744
6	162.0	4.115	26240	13.30	1.296	118.147
5	181.9	4.620	33090	16.77	1.028	148.8
4	204.3	5.189	41740	21.15	0.8152	187.488
3	229.4	5.287	52260	26.67	0.6466	235.592
2	257.6	6.543	66360	33.62	0.5128	299.088
1	289.3	7.348	83690	42.41	0.4065	376.464
1/0	324.9	8.252	105600	53.49	0.3223	474.672
2/0	364.8	9.266	133100	67.43	0.2557	599.664
3/0	409.6	10.40	167800	85.01	0.2028	755.904
4/0	460.0	11.68	211600	107.22	0.1608	953.808

• MATERIAL	ACRONYM	OPERATING TEMPERATURE	ELONGATION AT BREAK	BREAKING LOAD	OXYGEN RATE	SPECIFIC RESISTIVITY
POLYVINYL CHLORIDE	PVC	-30/+60 °C	150/300 %	15/25 N/mm2	25-35	1014
SEMI-RIGID POLYVINYLCHLORIDE	PVC S-R	-10/+80 °C	120/180 %	25/30 N/mm2	25-30	1015
NITRILE POLYVINYL CHLORIDE	PVC NBR	-30/+80 °C	150/300 %	15/25 N/mm2	25-30	1013
LOW-DENSITY POLYETHYLENE	LDPE	-50/+70 °C	400/600 %	10/20 N/mm2	18	1018
HIGH-DENSITY POLYETHYLENE	HDPE	-50/+100 °C	400/600 %	20/30 N/mm2	18	1018
CELLULAR POLYETHYLENE	PEE	-50/+70 °C	300/400 %	8/12 N/mm2	18-30	1017
POLYAMIDE	PA	-70/+120 °C	200/300 %	50/80 N/mm2	18	1014
POLYURETHANE POLYESTER	PUR	-50/+90 °C	300/600 %	30/60 N/mm2	19	1013
PERFLUOROALKOXYL	PFA	-180/+250 °C	200/400 %	20/30 N/mm2	95	1018
ETHYLENE-TETRAFLUOROETHYLENE	ETFE	-100/+150 °C	100/300 %	40/50 N/mm2	30	1016
POLYTETRAFLUOROETHYLENE	PTFE	-180/+250 °C	240/400 %	20/30 N/mm2	95	1018
PERFLUORO ETHYLENE-PROPYLENE	FEP	-100/+200 °C	250/350 %	20/30 N/mm2	95	1018
POLYPROPYLENE	PP	-30/+100 °C	500/700 %	15/25 N/mm2	18	1017
POLYVINYLIDENE FLUORIDE	PVDF	-50/+150 °C	100/300 %	40/50 N/mm2	43	1015
POLYETHERETERKETONE	PEEK	-55/+200 °C	100/150 %	40/50 N/mm2	35	1016
POLYETHYLENE TEREPHTALATE	PET	-55/+125 °C	100/300 %	30/40 N/mm2	19	1015
INTERPRENE	IP	-30/+90 °C	150/300 %	20/25 N/mm2	25-30	1011
CROSS-LINKED POLYETHYLENE	XLPE	-50/+90 °C	300/400 %	15/25 N/mm2	18*	1018
SILICONE RUBBER	SI	-100/+180 °C	300/500 %	4/12 N/mm2	20*	1015

HIGH QUALITY MULTIPAIR AES/EBU AUDIO CABLE
"CMD" Series

CMD SERIES • *Big digital audio systems are made of high technology equipment requiring the use of multiple connections. PROEL new multipair digital audio cable is compliant with AES/EBU standards. The low capacitance of insulated and individually twisted pairs of conductors, as well as the 110 Ohm impedance, eliminate signal delay and grant a bit-error free transmission, even over long distances. PROEL CMD Series AES/EBU cable features drain wire for the single pair of conductors. Thanks to these features, the cable is suitable for all applications requiring long distance wiring (max. length without performance decay: 130 mts)*

CMD

PAIR FEATURES:

• *Each pair is individually insulated with Aluminium foil shiel and PVC jacket, and number-printed on both sides. The conductor insulation is of white/blue XLPE.*

NEW

CODE	NUMBER OF PAIRS
CMD2	2
CMD4	4
CMD8	8
CMD12	12
CMD16	16

CMD SERIES

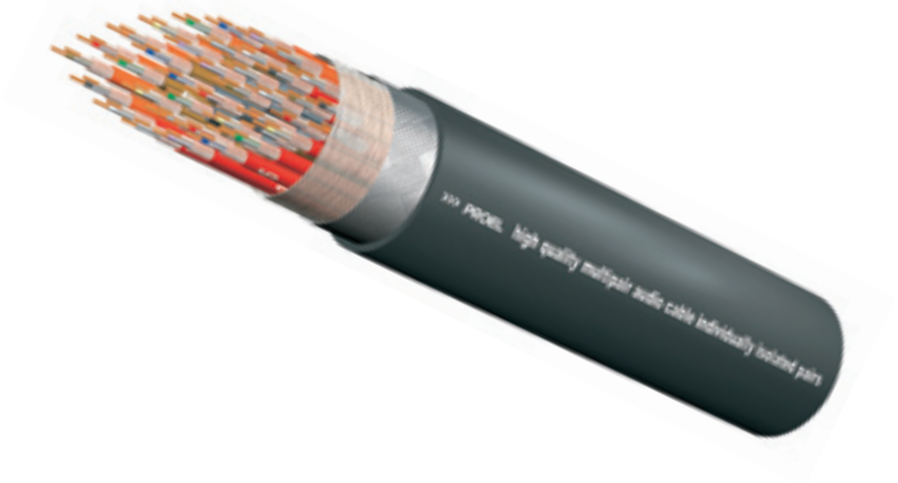
Application fields	· Digital audio transmissions · Recording studio fixed installation · Stage boxes
Conductors	Flexible tinned copper 24 AWG = 28 x 0.10 mm (0.22 mm²)
Insulation	Foam PE Ø 1.20 mm
Shield	PAIRS Aluminium foil 100% CABLE Cotton tape
Jacket	PAIRS: Grey PVC Ø 3.00 mm numbered CABLE: super flexible PVC CMD2: Ø 8.60 mm CMD4: Ø 10.00 mm CMD8: Ø 13.40 mm CMD12: Ø 15.80 mm CMD16: Ø 17.60 mm
Drain Wire (each pair)	Tinned copper 24 AWG = 7 x 0.18 mm (0.22 mm²)

Colour	Matt Black
Electrical resistance	< 86 Ohm/Km (conductor) @ 20°C
Electrical capacitance	37 pF/mt (conductor/conductor) @ 1KHz 57 pF/mt (conductor/shield) @ 1KHz
Nominal impedance	110 Ohm
Crosstalk Attenuation	10 MHz = > 50 dB/100 mt 15 KHz = >100 dB/100 mt
Velocity of Propagation	80 %
Operating temperature	-30°C/+70°C
Working tension	< 50 V AC < 75 V DC
Weight	CMD2 = 67 Kg/Km CMD4 = 102 Kg/Km CMD8 = 183 Kg/Km CMD12 = 252 Kg/Km CMD16 = 345 Kg/Km
Minimum bending radius	12 x overall diameter
Packaging	custom packaging

HIGH QUALITY MULTIPAIR AUDIO CABLE
"CMT" Series

CMT SERIES • *The new CMT series of multipair cables consists of 100% insulated and shielded pairs, individually numbered and coloured to allow an easy identification in order to reduce connection time and prevent expensive phasing errors. The non-abrasive PVC overall jacket offers a good flexibility even at very high temperatures. The cable extreme flexibility allows an easy winding.*

CMT40



PAIR FEATURES:
• *Each pair is individually insulated with PVC jacket, coloured according to international regulations and number-printed on both sides. The conductor insulation is of red/black XLPE.*

CODE	NUMBER OF PAIRS
CMT2	2
CMT4	4
CMT8	8
CMT12	12
CMT16	16
CMT24	24
CMT32	32
CMT40	40
CMT48	48

CMT SERIES

Application fields	• Live events monitoring • Recording Studio fixed installation • Stage Boxes
Conductors	Flexible bare copper 26 AWG = 18 x 0.10 mm (0.14 mm²)
Insulation	XLPE Ø 1.05 mm
Shield	PAIRS Spiral bare copper 97% CABLE Cotton tape 100% Tinned copper braid 85%
Jacket	PAIRS: PVC Ø 2.80 mm numbered CABLE: PVC CMT2: Ø 8.40 mm • CMT4: Ø 10.60 mm CMT8: Ø 13.40 mm • CMT12: Ø 15.10 mm CMT16: Ø 16.50 mm • CMT24: Ø 21.60 mm CMT32: Ø 23.90 mm • CMT40: Ø 28.30 mm CMT48: Ø 29.50 mm
Drine Wire	Tinned copper 24 AWG = 7 x 0.18 mm (0.22 mm²)
Colour	Matt Black
Colour distinction	See ref. chart
Electrical resistance	127 Ohm/Km (conductor) @ 20°C 43 Ohm/Km (shield) @ 20°C
Electrical capacitance	52 pF/mt (conductor/conductor) @ 1KHz 89 pF/mt (conductor-shield) @ 1KHz
Nominal impedance	100 Ohm ± 3 Ohm
Attenuation	1 MHz = 2.20 dB/100 mt 3 MHz = 3.70 dB/100 mt 6 MHz = 5.30 dB/100 mt 8 MHz = 6.10 dB/100 mt 10 MHz = 6.80 dB/100 mt
Velocity of Propagation	66 %
Operating temperature	-20°C/+80°C
Working tension	< 50 V AC < 75 V DC
Weight	• CMT2 = 88 Kg/Km • CMT4 = 145 Kg/Km • CMT8 = 230 Kg/Km • CMT12 = 310 Kg/Km • CMT16 = 389 Kg/Km • CMT24 = 587 Kg/Km • CMT32 = 739 Kg/Km • CMT40 = 953 Kg/Km • CMT48 = 1165 Kg/Km
Minimum bending radius	15 x overall diameter
Packaging	custom packaging

CORE No.	COLOUR OF ONE OF THE PAIR		CORE JACKET COLOUR	CORE No.	COLOUR OF ONE OF THE PAIR		CORE JACKET COLOUR	CORE No.	COLOUR OF ONE OF THE PAIR		CORE JACKET COLOUR
1	CLEAR	BROWN	BLACK	17	CLEAR	PURPLE	BROWN	33	CLEAR	ORANGE	ORANGE
2	CLEAR	RED		18	CLEAR	GREY		34	CLEAR	YELLOW	
3	CLEAR	ORANGE		19	CLEAR	WHITE		35	CLEAR	GREEN	
4	CLEAR	YELLOW		20	CLEAR	BLACK		36	CLEAR	BLUE	
5	CLEAR	GREEN		21	CLEAR	BROWN	RED	37	CLEAR	PURPLE	
6	CLEAR	BLUE		22	CLEAR	RED		38	CLEAR	GREY	
7	CLEAR	PURPLE		23	CLEAR	ORANGE		39	CLEAR	WHITE	
8	CLEAR	GREY		24	CLEAR	YELLOW		40	CLEAR	BLACK	YELLOW
9	CLEAR	WHITE		25	CLEAR	GREEN		41	CLEAR	BROWN	
10	CLEAR	BLACK	BROWN	26	CLEAR	BLUE		42	CLEAR	RED	
11	CLEAR	BROWN		27	CLEAR	PURPLE		43	CLEAR	ORANGE	
12	CLEAR	RED		28	CLEAR	GREY		44	CLEAR	YELLOW	
13	CLEAR	ORANGE		29	CLEAR	WHITE		45	CLEAR	GREEN	
14	CLEAR	YELLOW		30	CLEAR	BLACK	ORANGE	46	CLEAR	BLUE	
15	CLEAR	GREEN		31	CLEAR	BROWN		47	CLEAR	PURPLE	
16	CLEAR	BLUE		32	CLEAR	RED		48	CLEAR	GREY	

HIGH QUALITY MULTIPAIR AUDIO CABLE
"CMI" Series

CMI SERIES

• The CMI series of multipair cables consists of 100% shielded pairs (two insulated conductors twisted together with drain wire in order to grant a total protection against crosstalk effects), individually number-printed and coloured to allow an easy identification (the refore reducing connection time). Overall jacket is made by flexible PVC; it offers a good flexibility even at very high temperatures. The cable extreme flexibility allows an easy winding.

CMI24

PAIR FEATURES:

• Each pair is individually insulated with black PVC jacket and number-printed on both sides. Each pair has an aluminium foil shied and individual drain wire. The conductor insulation is of red/black XLPE.•

CODE	NUMBER OF PAIRS
CMI4	4
CMI8	8
CMI12	12
CMI16	16
CMI24	24
CMI32	32

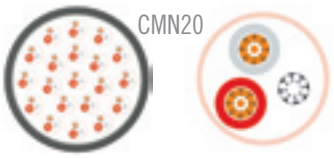
CMI SERIES	
Application fields	• Live events monitoring • Stage Boxes
Conductors	Bare copper 24 AWG = 28 x 0.10 mm (0.22 mm²)
Insulation	XLPE Ø 1 mm
Shield	CONDUCTORS Aluminium-Mylard 100% CABLE Cotton tape 100%
Jacket	PAIRS PVC Ø 2.80 mm CABLE PVC 70 shore • CMI4: Ø 9.30 mm • CMI8: Ø 12.20 mm • CMI12: Ø 14.80 mm • CMI16: Ø 16.60 mm • CMI24: Ø 19.60 mm • CMI32: Ø 22.60 mm
Drine Wire	Tinned copper 24 AWG = 7 x 0.18 mm (0.22 mm²)
Colour	Matt Black
Electrical resistance	< 87 Ohm/Km (conductor) @ 20°C
Electrical capacitance	63 pF/mt (conductor/conductor) @ 1 KHz 107 pF/mt (conductor/shield) @ 1 KHz
Nominal impedance	80 Ohm ± 3 Ohm

Attenuation	1 MHz = 2.10 dB/100 mt 3 MHz = 3.60 dB/100 mt 6 MHz = 5.00 dB/100 mt 8 MHz = 5.80 dB/100 mt 10 MHz = 6.50 dB/100 mt
Velocity of Propagation	66 %
Operating temperature	-20°C/+80°C
Working tension	< 50 V AC < 75 V DC
Weight	• CMI4 = 94 Kg/Km • CMI8 = 164 Kg/Km • CMI12 = 223 Kg/Km • CMI16 = 316 Kg/Km • CMI24 = 440 Kg/Km • CMI32 = 581 Kg/Km
Minimum bending radius	• 18 x overall diameter: CMI4 • 18 x overall diameter: CMI8 • 18 x overall diameter: CMI12 • 25 x overall diameter: CMI16 • 25 x overall diameter: CMI24 • 25 x overall diameter: CMI32
Packaging	custom packaging

HIGH QUALITY MULTIPAIR AUDIO CABLE
"CMN" Series

CMN SERIES

• The CMN series of multipair cables consists of 100% shielded pairs individually insulated with number-printed transparent polypropylene (two XLPE jacket insulated conductors twisted together with drain wire in order to grant a total protection against crosstalk effects). The PVC overall jacket. Moreover, it offers a good flexibility even at very high temperatures. The cable extreme flexibility allows an easy winding.



PAIR FEATURES:

• Each pair is individually insulated with number-printed transparent polypropylene. Two XLPE (red/white) jacket insulated conductors twisted together with drain wire.•

CODE	NUMBER OF PAIRS
CMN4	4
CMN8	8
CMN12	12
CMN16	16
CMN24	24
CMN32	32
CMN40	40
CMN48	48

CMN SERIES	
Application fields	• Live events monitoring • Stage boxes • Recording studios
Conductors	Bare copper 26 AWG = 18 x 0.10 mm (0.14 mm²)
Insulation	XLPE Ø 1 mm white/red
Shield	CONDUCTORS Aluminium foil copper colour 100% CABLE Cotton tape 100%
Jacket	PAIRS Number-printed transparent PP Ø 2.80 mm CABLE Flexible PVC 60 shore • CMN8: Ø 9.70 mm • CMN12: Ø 11.90 mm • CMN16: Ø 13.20 mm • CMN20: Ø 14.40 mm • CMN24: Ø 15 mm • CMN32: Ø 18.10 mm • CMN40: Ø 21.60 mm • CMN48: Ø 22.30 mm
Drine Wire	Tinned copper 24 AWG = 7 x 0.18 mm (0.22 mm²)
Colour	Matt Black
Electrical resistance	127 Ohm/Km (conductor) @ 20°C 99 Ohm/Km (shield) @ 20°C
Electrical capacitance	52 pF/mt (conductor-conductor) @1 KHz 89 pF/mt (conductor-shield) @ 1 KHz
Nominal impedance	100 ± 3 Ohm
Attenuation	1 MHz = 2.20 dB/100 mt 3 MHz = 3.90 dB/100 mt 6 MHz = 5.50 dB/100 mt 8 MHz = 6.40 dB/100 mt 10 MHz = 7.10 dB/100 mt
Velocity of Propagation	66 %
Operating temperature	-20°C/+80°C
Working tension	< 50 V AC < 75 V DC
Weight	• CMN8 = 136 Kg/Km • CMN12 = 161 Kg/Km • CMN16 = 198 Kg/Km • CMN20 = 242 Kg/Km • CMN24 = 279 Kg/Km • CMN32 = 371 Kg/Km • CMN40 = 480 Kg/Km • CMN48 = 530 Kg/Km
Minimum bending radius	10 x overall diameter
Packaging	custom packaging

RG59 75Ω COAXIAL VIDEO CABLES

• RG59 75 Ohm cables feature a double shielding and they are especially designed for those applications requiring signal integrity, sharpness, impedance attenuation and flexibility, such as in analogic video circuits and in braodcasting studios. They represent the ideal solution for aerial connections and for professional video equipment interconnection.

HPC800

HPC800

• RG59 75 Ohm double shielded (copper-tinned copper) cable with PVC jacket.

HPC800	
Application fields	• Digital video transmissions • Camera, TV, DVD connections • Patch bay video interconnections • BNC connections
Conductors	Electrolytic bare copper 22 AWG = 1 x 0.60 mm (0.32 mm²)
Insulation	PE Ø 3.70 mm ± 0.05 mm
Shield	Copper/Tinned copper double braid 90%
Jacket	PVC Ø 6.10 mm ± 0.20 mm Complying with IEC 332.1
Colour	red RAL3000
Electrical resistance	< 63 Ohm/Km (conductor) @ 20°C < 6.1 Ohm/Km (shield) @ 20°C
Electrical capacitance	55 pF/mt (conductor/conductor) @ 1 KHz
Nominal impedance	75 Ohm ± 5
Attenuation	10 MHz = 3.10 dB/100 mt 50 MHz = 6.50 dB/100 mt 100 MHz = 10.25 dB/100 mt 200 MHz = 14.71 dB/100 mt
Velocity of Propagation	66 %
Operating temperature	-20°C/+80°C
Weight	56 Kg/Km
Minimum bending radius	30 mm
Additional notes	Return loss: > 30 dB @ 300-600 Mhz
Packaging	100 mt carton reel

HPC810

HPC810

• RG59 75 Ohm digital video double shielded (aluminium-copper) cable with flexible jacket.

HPC810	
Application fields	• Digital video transmissions • Camera, TV, DVD connections • Satellite device interconnections • BNC and RCA connections
Conductors	bare copper 20 AWG = 1 x 0.81 mm (0.50 mm²)
Insulation	PEE Ø 3.70 mm ± 0.05 mm
Shield	Aluminium-polyester-aluminium/ Tinned copper braid 100%
Jacket	PVC Ø 6.10mm ± 0.20 mm
Colour	blue RAL5001
Electrical resistance	35 Ohm/Km (conductor) @ 20°C 6.1 Ohm/Km (shield) @ 20°C
Electrical capacitance	55 pF/mt (conductor/conductor) @ 1 KHz
Nominal impedance	75 ± 5 Ohm
Attenuation	10 MHz = 2.20 dB/100 mt 40 MHz = 4.50 dB/100 mt 100 MHz = 7.00 dB/100 mt
Velocity of Propagation	80 %
Operating temperature	-20°C/+80°C
Weight	44 Kg/Km
Minimum bending radius	5 x overall diameter
Additional notes	Return loss: > 20 dB @ 24 Hz
Packaging	100 mt carton reel

75Ω COAXIAL DIGITAL VIDEO CABLE RG58 50 Ω COAXIAL VIDEO/RF CABLE

• The new PROEL coaxial digital video cable is made with a double shielding and 100% dielectric PE filler in conformity with the LSZH standards. Its extremely small diameter makes it suitable for rack equipment and patch bay video wiring. PROEL coaxial digital video cable is especially suggested for high-frequency video transmissions.

HPC820

HPC820

• *75 Ohm digital video double shielded cable with LSZH thermoplastic fire resistant jacket.*

HPC820			
Application fields	• Digital video transmissions • Camera, TV, DVD connections • Patch bay, rack system interconnections • BNC and RCA connections	*Electrical capacitance*	55 pF/mt (conductor/conductor) @ 1 KHz
Conductors	Electrolytic bare copper 22 AWG = 1 x 0.60 mm (0.32 mm²)	*Nominal impedance*	75 Ohm ± 3
Insulation	PEE Ø 2.30 mm ± 0.05 mm	*Attenuation*	10 MHz = 5.20 dB/100 mt
Shield	Aluminium-polyester-aluminium Tinned copper braid 90%	*Velocity of Propagation*	80 %
Jacket	PVC/LSZH Ø 4.50 mm ± 0.15 mm Complying with IEC 754.1 regulations	*Operating temperature*	-20°C/+80°C
Colour	purple RAL3000	*Weight*	31 Kg/Km
Electrical resistance	> 63 Ohm/Km (conductor) @ 20°C	*Minimum bending radius*	25 mm
		Packaging	100 mt carton reel

• Coaxial audio/video single shielded cable with total copper inner conductor to offer impedance stability (50 Ohm) and therefore a contained RL (Return Loss). The shielding is made of tinned copper braid confering a high shielding capacity to the cable, both at high and low frequencies; moreover, the braid makes a sort of sling, protecting the cable against possible stretchings during the installation. The overall jacket is made of PVC. The HPC858 cable is especially recommended for RF signals distribution.

HPC858

HPC858

• *RG58 audio/video single shielded cable,* especially recommended for RF signals distribution..

HPC858			
Application fields	• RF signals • Ethernet signals • TV device interconnections • BNC and RCA connections	*Electrical capacitance*	97 pF/mt (conductor/conductor) @ 1KHz
Conductors	Tinned copper 21 AWG = 19 x 0.18 mm (0.41 mm²)	*Nominal impedance*	50 Ohm
Insulation	PE Ø 2.95 mm ± 0.05 mm	*Attenuation*	100 MHz = 14.70 dB/100 mt 200 MHz = 20.80 dB/100 mt 1000 MHz = 57 dB/100 mt
Shield	Tinned copper braid 95%	*Velocity of Propagation*	66 %
Jacket	PVC Ø 5.00 mm	*Operating temperature*	-20°C/+80°C
Colour	Matt black	*Weight*	40 Kg/Km
Electrical resistance	38 Ohm/Km (conductor) @ 20°C 14 Ohm/Km (shield) @ 20°C	*Minimum bending radius*	30 mm
		Packaging	100 mt carton reel

RGB SERIES 75 Ω ANALOG MULTICORE COAXIAL VIDEO CABLES
RG6 75Ω FIRE RESISTANT COAXIAL VIDEO CABLE

• Professional series of special cables for high definition video transmission (computer graphics, videowall, CAD, non-linear video editing). They allow the individual transmission of red, green and blue video signals (RGB) through separate cables in order to grant always sharp and stable images. Ideal for graphics and other computer applications such as video-wall, CAD workstations, high-resolution projectors, BNC connections, etc. Thanks to their special signal transmission features, this type of cables allows connections over long distances.

RGBCOAX3 RGBCOAX5

RGBCOAX3
• *75 Ohm multichannel video cable with 3 independent coaxial channels allowing the transmission of just the RGB signal.*

RGBCOAX5
• *75 Ohm multichannel video cable with 5 independent coaxial channels allowing the transmission of the RGB signal and both vertical and horizontal synchronism.*

RGBCOAX3 - RGBCOAX5

Application fields	• RGB connections • Hi-definition TV • Monitor CAD • Computer Graphic
Conductors	Electrolytic tinned copper 28 AWG = 7 x 0.13 mm (0.08 mm²)
Insulation	PEE Ø 1.6 mm ± 0.05 mm
Shield	CONDUCTORS Tinned copper braid 95% CABLE Cotton filler - Cotton tape
Jacket	CONDUCTORS PVC Ø 2.60 mm CABLE RGBCOAX3: PVC Ø 8.10 mm RGBCOAX5: PVC Ø 9.50 mm
Colour	CONDUCTORS RGBCOAX3: red-green-blue RGBCOAX5: red-green-blue-black-white CABLE: Matt black

Electrical resistance	205 Ohm/Km @ 20°C (conductor) 30 Ohm/Km (shield) >10000 MOhm/Km (insulation)
Electrical capacitance	55 pF/mt @ (conductor/conductor) @ 1 KHz
Nominal impedance	75 Ohm ± 5
Attenuation	5MHz = 4.5 dB/100 mt 10MHz = 6.2 dB/100 mt 50MHz = 14 dB/100 mt 100MHz = 20 dB/100 mt
Velocity of Propagation	80 %
Operating temperature	-20°C/+80°C
Weight	RGBCOAX3: 69 Kg/Km RGBCOAX5: 97 Kg/Km
Minimum bending radius	10 x overall diameter
Packaging	100 mt wooden reel

• Digital audio/video double shielded cable with total copper inner conductor to offer impedance stability (75 Ohm) and therefore a contained RL. The shielding is mixed: tinned copper braid and aluminium foil that confer a high shielding capacity to the cable, both at high and low frequencies; moreover, the braid makes a sort of sling, protecting the cable against possible stretchings during the installation. The overall jacket is made of flame retardant PVC, very resistant to high temperatures, absolutely required in fixed installations.

HPC862FR

HPC862FR
• *Digital audio/video double shielded cable.*

HPC862FR

Application fields	• Digital video transmissions • Camera, TV, DVD connections • Satellite device interconnections
Conductors	Solid bare copper 21 AWG = 1 x 0.75 mm (0.41 mm²)
Insulation	PEE Ø 3.70 mm ± 0.05 mm
Shield	Aluminium/Mylard 100% Tinned copper braid >90%
Jacket	Flame retardant PVC Ø 6.00 mm Complying with IEC 332.2 regulations
Colour	green RAL6017
Electrical resistance	23 Ohm/Km (conductor) @ 20°C 8.3 Ohm/Km (shield) @ 20°C
Electrical capacitance	55 pF/mt (conductor/conductor) @ 1KHz

Nominal impedance	75 Ohm
Attenuation	100 MHz = 6.20 dB/100 mt 200 MHz = 8.90 dB/100 mt 500 MHz = 15.00 dB/100 mt 1000 MHz = 22.00 dB/100 mt
Velocity of Propagation	80 %
Operating temperature	-20°C/+80°C
Working tension	< 50 V AC < 75 V DC
Weight	41 Kg/Km
Minimum bending radius	45 mm
Packaging	100 mt carton reel

LAN CABLES

• LAN CAT.5 ENHANCED copper cable for patch/fixed installations featuring 4 pairs, suitable for voice and data transmission among very high speed peripherals, for frequencies up to 100 MHz (tested up to 200 MHz), for class D applications in buildings structured wiring systems. Made with 24 AWG solid copper conductors, insulated with polyolefin material and wrapped in a overall jacket made of a flame retardant thermoplastic material.

LAN5UTP

LAN5UTP

• LAN CAT. 5 ENHANCED copper cable for fixed installations featuring 4 unshielded pairs with jacked made of thermoplastic flame retardant material.

LAN5UTP					
Application fields	• Data/Voice hi-speed transmissions (tested up to 200 MHz) • LAN fixed installations	*Electrical resistance*	84.2 Ohm/Km (conductor) @ 20°C	*Velocity of Propagation*	66 %
Conductors	Solid bare copper 24 AWG = 1 x 0.51 mm (0.20 mm²)	*Electrical capacitance*	49 pF/100 mt (conductor/conductor) @ 1KHz	*Operating temperature*	-20°C/+60°C
Insulation	Polyolefin Ø 0.90 mm.	*Nominal impedance*	100 Ohm ± 15 Ohm (tested up to 100 MHz)	*Working tension*	125 V (No power)
Jacket	Flame retardant PVC (O.D. = Ø 5.20 mm)	*Attenuation*	1MHz = 1.80 dB/100 mt 100MHz = 19.9 dB/100 mt 155MHz = 25.6 dB/100 mt 200MHz = 29.2 dB/100 mt	*Weight*	33 Kg/Km
Colour	Grey RAL7001			*Minimum bending radius*	50 mm
				Packaging	CAT. 5 UTP ENHANCED LAN Cable 305 mt carton box

• LAN CAT.5 ENHANCED copper cable for fixed installations featuring 4 pairs, suitable for voice and data transmission among very high speed peripherals, for frequencies up to 100 MHz (tested up to 200 MHz), for class D applications in buildings structured wiring systems. Made with 24 AWG solid copper conductors, insulated with polyolefin material and wrapped in a polyester tape with tinned copper drain wire, aluminium/polyester tape shielding. The overall jacket is made of a flame retardant thermoplastic material.

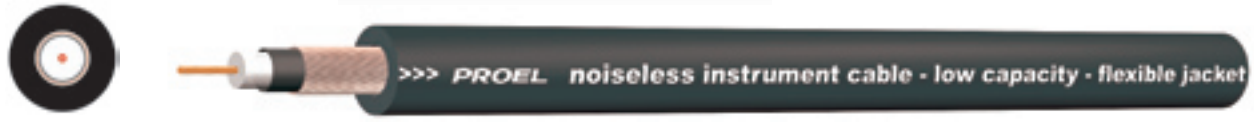
LAN5FTP

LAN5FTP

• LAN CAT. 5 ENHANCED copper cable for fixed installations featuring 4 shielded pairs with jacked made of thermoplastic flame retardant material.

LAN5FTP					
Application fields	• Data/Voice hi-speed transmissions (tested up to 200 MHz) • LAN fixed installations	*Colour*	Grey RAL7001	*Velocity of Propagation*	66%
Conductors	Solid bare copper 24 AWG = 1 x 0.51 mm (0.20 mm²)	*Electrical resistance*	84.2 Ohm/Km (conductor) @ 20°C	*Operating temperature*	-20°C/+60°C
Insulation	Polyolefin Ø 1 mm.	*Electrical capacitance*	49 pF/100 mt (conductor/conductor) @ 1KHz	*Working tension*	125 V (No power)
Shield	Aluminium/Polyeste tape 100%	*Nominal impedance*	100 Ohm ± 15 Ohm (up to 100 MHz)	*Weight*	42 Kg/Km
Jacket	Solid tinned copper 26 AWG = 1 x 0.40 mm (0.13 mm²) Flame retardant PVC (O.D. = Ø 6.20 mm)	*Attenuation*	1MHz = 1.80 dB/100 mt 100MHz = 19.9 dB/100 mt 155MHz = 25.6 dB/100 mt 200MHz = 29.2 dB/100 mt	*Minimum bending radius*	52 mm
				Packaging	CAT. 5 FTP ENHANCED LAN Cable 305 mt carton box

HIGH QUALITY O.F.C. INSTRUMENT CABLES



HPC100BK

HPC100BK

• *Coaxial noiseless instrument/effects cable (1x0,25 mm²) with Ø 5 mm. PVC flexible overall jacket - O.F.C. (Oxygen Free Copper).*

BK

HPC105BK

HPC105BK

• *Coaxial noiseless instrument/effects cable cable (1x0,15 mm²) with Ø 5 mm. PVC flexible overall jacket - O.F.C. (Oxygen Free Copper).*

BK

HPC110BK

HPC110

• *Coaxial noiseless instrument/effects cable cable (1x0,25 mm²) with Ø 5 mm. PVC flexible overall jacket - O.F.C. (Oxygen Free Copper).*

BK BL BZ

GN RD

HPC100BK - HPC105BK - HPC110

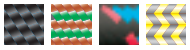
Application fields	• Musical instrument connection • Multieffect/mixer connection
Conductors	Bare copper • HPC100BK: 23 AWG = 30 x 0.10 mm (0.25 mm²) • HPC105BK: 24 AWG = 18 x 0.10 mm (0.15 mm²) • HPC110: 23 AWG = 30 x 0.10 mm (0.25 mm²)
Insulation	PE • HPC100BK = Ø 1.80 mm • HPC105BK = Ø 1.60 mm • HPC110 = Ø 1.80 mm
Shield	CABLE Spiral Flexible copper 16x3x0.10 95%
Jacket	CONDUCTOR • HPC100BK, HPC110: High-conductive graphite jacket Ø 2.40 mm CABLE • HPC100BK: Flexible PVC 50 shore Ø 5 mm • HPC105BK: Flexible PVC 60 shore Ø 6 mm • HPC110: Flexible PVC 60 shore Ø 6.50 mm
Colour	• HPC100BK • HPC105BK • HPC110: Black (BK), Blue (BL), Bronze (BZ), Green (GN), Red (RD)
Electrical resistance	• HPC100BK, HPC110: 74 Ohm/Km (conductor) @ 20°C • HPC105BK: 122 Ohm/Km (conductor) @ 20°C
Electrical capacitance	120 pF/mt (conductor/shield) @ 1 KHz
Velocity of Propagation	80 %
Operating temperature	-20°C/+70°C
Working tension	< 50 V AC < 75 V DC
Weight	• HPC100BK: 30 Kg/Km • HPC105BK: 41 Kg/Km • HPC110: 44 Kg/Km
Minimum bending radius	20 x cable section radius
Packaging	100 mt carton reel

HIGH QUALITY O.F.C. INSTRUMENT CABLES

HPC1100N5

HPC1100

• *High-quality noiseless coaxial instrument cable cable (1x0,25 mm²) with natural cotton covered overall jacket - O.F.C. (Oxygen Free Copper).*



BK N1 N5 N6

HPC1100	
Application fields	•Musical instrument connection •Multieffect/mixer connection
Conductors	Bare copper 23 AWG = 30 x 0.10 mm (0.25 mm²)
Insulation	PE Ø 1.70 mm
Shield	Spiral Flexible copper 16x3x0.10 95%
Jacket	CONDUCTOR High-conductive graphite jacket Ø 2.40 mm 100% CABLE Flexible PVC 60 shore natural cotton covered Ø 7.00 mm

Colour	Black (BK), Pattern N1 (red striped) , Pattern N5 (black/red), Pattern N6 (black/yellow)
Electrical resistance	32 Ohm/Km (conductor/shield) @ 20°C
Electrical capacitance	130 pF/mt (conductor/shield) @ 1 KHz
Velocity of Propagation	80 %
Operating temperature	-30°C/+70°C
Working tension	< 50 V AC < 75 V DC
Weight	47 Kg/Km
Minimum bending radius	20 x cable section radius
Packaging	100 mt carton reel

HPC120TRSK

HPC120

• *Noiseless coaxial instrument cable cable (1x0,25 mm²) with PE overall jacket ideal for any instrumental connection - O.F.C. (Oxygen Free Copper).*

TRCL TRSK

HPC120	
Application fields	• Musical Instrument connection • Multieffect/mixer connection
Conductors	Bare copper 23 AWG = 30 x 0.10 mm (0.24 mm²)
Insulation	PE Ø 1.80 mm
Shield	Copper braid 8x16x0.10 98%
Jacket	CONDUCTOR High-conductive graphite jacket Ø 2.40 mm 100% CABLE Flexible PVC 64 shore Ø 7 mm
Colour	Transparent smoke (TRSK), Transparent clear (TRCL)
Electrical resistance	85 Ohm/Km (conductor) @ 20°C 33 Ohm/Km (shield) @ 20°C

Electrical capacitance	88pF/mt (conductor/shield) @ 1 KHz
Velocity of Propagation	80 %
Operating temperature	-20°C/+70°C
Working tension	< 50 V AC < 75 V DC
Weight	53 Kg/Km
Minimum bending radius	20 x cable section radius
Packaging	100 mt carton reel

HPC130

HPC130

• *Noiseless esoteric coaxial instrument cable (1x0,75 mm²) with non-slip overall jacket ideal for any instrumental connection - O.F.C. (Oxygen Free Copper).*

BK

HPC130	
Application fields	• Musical Instrument connection • Multieffect/mixer connection
Conductors	Tinned copper 18 AWG = 42 x 0.15 mm (0.75 mm²)
Insulation	PEE Ø 3.10 mm
Shield	Tinned copper braid 8x16x0.10 90%
Jacket	CONDUCTOR High-conductive graphite jacket Ø 2.40 mm 100% CABLE Flexible non-slip PVC 64 shore Ø 7.00 mm
Colour	Black (BK)

Electrical resistance	37 Ohm/Km (conductor) @ 20°C 20 Ohm/Km (shield) @ 20°C
Electrical capacitance	120pF/mt (conductor/shield) @ 1 KHz
Velocity of Propagation	80 %
Operating temperature	-20°C/+70°C
Working tension	< 50 V AC < 75 V DC
Weight	59 Kg/Km
Minimum bending radius	20 x cable section radius
Packaging	100 mt carton reel

HIGH QUALITY BALANCED O.F.C. MICROPHONE CABLES

NEW

HPC280

HPC280

• *High-quality balanced microphone cable (2 x 0,34 mm²) with flexible overall jacket - O.F.C. (Oxygen Free Copper).*

BK

HPC280	
Application fields	• Installations • Recording studios • Microphone connections
Conductors	Bare copper 43 AWG = 43 x 0.10 mm (0.34 mm²)
Insulation	PE Ø 1.50 mm
Shield	CABLE Tinned copper braid > 90%
Jacket	Super Flexible PVC 70 shore Ø 6.50 mm
Drain wire	Tinned copper 14 AWG = 7 x 0.15 mm (0.22 mm²)
Colour	Black

Electrical resistance	56 Ohm/Km (conductor) @ 20°C 16 Ohm/Km (shield) @ 20°C
Electrical capacitance	40 pF/mt (conductor/conductor) @ 1 KHz
Velocity of Propagation	66 %
Impedance	110 Ohm
Operating temperature	-20°C/+70°C
Working tension	< 50 V AC < 75 V DC
Weight	57 Kg/Km
Minimum bending radius	15 x cable section radius
Packaging	100 mt carton reel

HPC250

HPC250

• *High-quality balanced microphone cable (2 x 0,22 mm²)with flexible overall jacket - O.F.C. (Oxygen Free Copper).*

BK

HPC250	
Application fields	• Installations • Recording studios • Microphone connections
Conductors	Tinned copper 22 AWG = 7 x 0.20 mm (0.22 mm²)
Insulation	PE Ø 1.36 mm
Shield	CONDUCTORS Spiral cotton filler CABLE Tinned copper braid 6x16x0.10 mm > 95%
Jacket	Flexible PVC 60 shore Ø 6.50 mm
Drain wire	Tinned copper 24 AWG = 7 x 0.20 mm (0.22 mm²)

Colour	Black
Electrical resistance	93 Ohm/Km (conductor) @ 20°C 21 Ohm/Km (shield) @ 20°C
Electrical capacitance	90 pF/mt (conductor/conductor) @ 1 KHz
Velocity of Propagation	80 %
Operating temperature	-20°C/+70°C
Working tension	< 50 V AC < 75 V DC
Weight	51 Kg/Km
Minimum bending radius	20 x cable section radius
Packaging	100 mt carton reel

HIGH QUALITY BALANCED O.F.C. MICROPHONE CABLES

HPC270

• High-quality balanced microphone cable (2 x 0,22 mm²) with flexible overall jacket - O.F.C. (Oxygen Free Copper).

BK

HPC270BK			
Application fields	• Installations • Recording studios • Microphone connections	*Electrical resistance*	93 Ohm/Km (conductor) @ 20°C 21 Ohm/Km (shield) @ 20°C
Conductors	Bare copper 22 AWG = 7 x 0.20 mm (0.22 mm²)	*Electrical capacitance*	90 pF/mt (conductor/conductor) @ 1 KHz
Insulation	PE Ø 1.36 mm	*Velocity of Propagation*	80 %
Shield	CONDUCTORS Spiral cotton filler CABLE Red copper braid 6x16x0.10 mm > 95%	*Operating temperature*	-20°C/+70°C
Jacket	Flexible PVC 60 shore Ø 6.50 mm	*Working tension*	< 50 V AC < 75 V DC
Colour	Black (BK)	*Weight*	49 Kg/Km
		Minimum bending radius	20 x cable section radius
		Packaging	100 mt carton reel

HPC210

HPC210

• High-quality balanced microphone cable (2 x 0,22 mm²) with flexible overall jacket - O.F.C. (Oxygen Free Copper).

BK BL BZ

GN PU RD YE

HPC210			
Application fields	• Recording studios • Microphone connections	*Electrical resistance*	93 Ohm/Km (conductor) @ 20°C 20 Ohm/Km (shield) @ 20°C
Conductors	Bare copper 24 AWG = 30 x 0.10 mm (0.22 mm²)	*Electrical capacitance*	46 pF/mt (conductor/conductor) @ 1 KHz 90 pF/mt (conductor/shield) @ 1 KHz
Insulation	Superflexible PVC HT105 Ø 1.60 mm	*Velocity of Propagation*	80 %
Shield	CONDUCTORS Spiral cotton filler CABLE Spiral copper 16x5x0.10 mm > 90%	*Operating temperature*	-20°C/+70°C
Jacket	Flexible PVC 60 shore Ø 6.50 mm	*Working tension*	< 50 V AC < 75 V DC
Colour	Black (BK), Red (RD), Blue (BL), Green (GN), Yellow (YE), Bronze (BZ), Purple (PU)	*Weight*	46 Kg/Km
		Minimum bending radius	20 x cable section radius
		Packaging	100 mt carton reel

HIGH QUALITY BALANCED MICROPHONE O.F.C. CABLES

HPC200BK

HPC200

• High-quality balanced microphone cable (2 x 0,25 mm²) with flexible overall jacket - O.F.C. (Oxygen Free Copper).

BK RD BL

HPC200	
Application fields	• Microphone connections
Conductors	Bare copper 23 AWG = 30 x 0.10 mm (0.25 mm²)
Insulation	PE Ø 1.60 mm
Shield	CONDUCTORS Spiral cotton filler CABLE Copper spiral 16x5x0.10 85% ± 5%
Jacket	Flexible PVC 55 shore Ø 5.50 mm
Colour	Black (BK), Red (RD), Blue (BL)

Electrical resistance	93 Ohm/Km (conductor) @ 20°C 21 Ohm/Km (shield) @ 20°C
Electrical capacitance	50 pF/mt (conductor/conductor) @ 1 KHz 95 pF/mt (conductor/shield) @ 1 KHz
Velocity of Propagation	80 %
Operating temperature	-20°C/+70°C
Working tension	< 50 V AC < 75 V DC
Weight	36 Kg/Km
Minimum bending radius	20 x cable section radius
Packaging	100 mt carton reel

HPC201BK

HPC201BK

• High-quality balanced coaxial microphone cable (2 x 0,14 mm²)with strong and flexible overall jacket - O.F.C. (Oxygen Free Copper).

BK

HPC201BK	
Application fields	• Mixer connections • Microphone connections
Conductors	Bare copper 26 AWG = 18 x 0.10 mm (0.14 mm²)
Insulation	PE Ø 1.25 mm
Shield	Aluminium/Polyester 100%
Jacket	Flexible PVC 60 shore Ø 6.00 mm
Drain wire	Tinned copper 24 AWG = 7 x 0.20 mm (0.22 mm²)
Colour	Black (BK)

Electrical resistance	125 Ohm/Km (conductor) @ 20°C
Electrical capacitance	45 pF/mt (conductor/conductor) @ 1 KHz 96 pF/mt (conductor/shield) @ 1 KHz
Velocity of Propagation	66 %
Operating temperature	-20°C/+70°C
Working tension	< 50 V AC
Weight	40 Kg/Km
Minimum bending radius	20 x cable section radius
Packaging	100 mt carton reel

HIGH QUALITY BALANCED MICROPHONE O.F.C. CABLES

HPC220

HPC220

• High-quality balanced coaxial microphone cable (2 x 0,22 mm²) with strong and flexible overall jacket - O.F.C. (Oxygen Free Copper).

BK

HPC220	
Application fields	• Mic-Mixer connections • Microphone connections
Conductors	Bare copper 24 AWG = 30 x 0.10 mm (0.22 mm²)
Insulation	PE Ø 1.80 mm
Sheild	CONDUCTORS Spiral cotton filler - Aluminium foil 100% CABLE Tinned copper braid 8x16x0.10 mm 90%
Jacket	CONDUCTORS High-conductive PVC Ø 2.40 mm CABLE Flexible PVC 64 shore Ø 7.00 mm

Colour	Black
Electrical resistance	75 Ohm/Km (conductor) @ 20°C
Electrical capacitance	120 pF/mt (conductor/shield) @ 1 KHz
Velocity of Propagation	66 %
Operating temperature	-20°C/+70°C
Working tension	< 50 V AC < 75 V DC
Weight	51 Kg/Km
Minimum bending radius	20 x cable section radius
Packaging	100 mt carton reel

HPC230TRSK

HPC230TRSK

• High-quality balanced coaxial microphone cable (2 x 0,23 mm²)with strong and flexible overall jacket - O.F.C. (Oxygen Free Copper).

TRSK

HPC230	
Application fields	• Mic-Mixer connections • Microphone connections
Conductors	Bare copper 24 AWG = 30 x 0.10 mm (0.23 mm²)
Insulation	PE Ø 1.80 mm
Sheild	CONDUCTORS Spiral cotton filler CABLE Red copper braid 16x8x0.10 mm > 90%
Jacket	CONDUCTORS Conductive PVC Ø 2.40 mm CABLE Flexible PVC 64 shore Ø 7.00 mm
Colour	Transparent smoke (TRSK)

Electrical resistance	118 Ohm/Km (conductor) @ 20°C 36 Ohm/Km (shield) @ 20°C
Electrical capacitance	120 pF/ mt (conductor/shield) @ 1 KHz
Velocity of Propagation	80 %
Operating temperature	-20°C/+70°C
Working tension	< 50 V AC < 75 V DC
Weight	53 Kg/Km
Minimum bending radius	20 x cable section radius
Packaging	100 mt carton reel

HIGH QUALITY BALANCED O.F.C. MICROPHONE CABLES

HPC215

HPC215

• *High-quality balanced microphone cable (2 x 0,22 mm²)with flexible and anti-abrasion overall jacket - O.F.C. (Oxygen Free Copper).*

BK

HPC215	
Application fields	• Installation • Recording studios • Audio/Video applications
Conductors	Bare copper 24 AWG = 28 x 0.10 mm (0.22 mm²)
Insulation	XLPE Ø 1.20 mm
Shield	Conductors: spiral cotton filler Cable: spiral copper 16 x 4 x 0.10 mm > 90%
Jacket	Flexible non-slip PVC 64 shore Ø 6.50 mm
Drain wire	Tinned copper 24 AWG = 7 x 0.20 mm (0.22 mm²)
Colour	Black
Electrical resistance	105 Ohm/Km (conductor) @ 20°C 25 Ohm/Km (shield) @ 20°C
Electrical capacitance	135 pF/mt (conductor/shield) @ 1 KHz
Velocity of Propagation	80%
Operating temperature	-20°C/+80°C
Working tension	< 50 V AC < 75 V DC
Weight	44 Kg/Km
Minimum bending radius	20 x cable section radius
Packaging	100 mt carton reel

HPC210FR

HPC210FR

• *Balanced microphone cable (2 x 0,34 mm²) with flexible flame resistant overall jacket - O.F.C. (Oxygen Free Copper).*

GN

HPC210FR			
Application fields	•Installation •Recording studios •Microphone connections	*Jacket*	Flexible flame resistant PVC Ø 5.60 mm Complying with IEC 332.2 regulations
Conductors	Bare copper 24 AWG = 19 x 0.15 mm (0.34 mm²)	*Colour*	Green RAL6017
Insulation	XLPE Ø 1.60 mm natural/red	*Electrical resistance*	< 62 Ohm/Km (conductor) @ 20°C
Shield	CONDUCTORS Aluminium foil 100% CABLE Tinned copper braid 90%	*Electrical capacitance*	50 pF/mt (conductor/conductor) @ 1 KHz 87 pF/mt (conductor/shield) @ 1 KHz
		Nominal impedance	110 Ohm
		Attenuation	1 MHz = 1.60 dB/100 mt 3 MHz = 2.80 dB/100 mt 6 MHz = 4.00 dB/100 mt 8 MHz = 4.60 dB/100 mt 10 MHz = 5.10 dB/100 mt
		Velocity of Propagation	66 %
		Operating temperature	-20°C/+80°C
		Working tension	< 50 V AC < 75 V DC
		Weight	44 Kg/Km
		Minimum bending radius	30 mm
		Packaging	100 mt carton reel

HIGH QUALITY O.F.C. MICROPHONE INSTALLATION CABLES

HPC240

• High-quality balanced coaxial microphone cable (2 x 0,12 mm²) with strong and flexible overall jacket - O.F.C. (Oxygen Free Copper).

HPC240

BK

HPC240					
Application fields	• Installation • Recording studios • Microphone connections	*Jacket*	Flexible PVC 60 shore Ø 4.00 mm	*Operating temperature*	-20°C/+70°C
Conductors	Bare copper 26 AWG = 18 x 0.10 mm (0.12 mm²)	*Colour*	Black	*Working tension*	< 50 V AC < 75 V DC
Insulation	PVC HT105 Ø 1.20 mm	*Electrical resistance*	123 Ohm/Km (conductor) @ 20°C	*Weight*	20 Kg/Km
Sheild	CONDUCTORS Spiral cotton filler CABLE Spiral red copper 16x4x0.10 mm >90%	*Electrical capacitance*	90 pF/mt (conductor/conductor) @ 1 KHz 190 pF/mt (conductor/shield) @ 1 KHz	*Minimum bending radius*	20 x cable section radius
		Velocity of Propagation	80 %	*Packaging*	100 mt carton reel

HPC80

• Balanced coaxial installation cable (2 x 0,22 mm²) with small diameter shielded flame resistant overall jacket - O.F.C. (Oxygen Free Copper).

HPC80

BK

HPC80					
Application fields	• Patch-bay connections • Multieffect connections • Rack system connections	*Drain wire*	Tinned copper 24 AWG = 7 x 0.20 mm (0.22 mm²)	*Velocity of Propagation*	66%
Conductors	Tinned copper 24 AWG = 7 x 0.20 mm (0.22 mm²)	*Colour*	Black	*Operating temperature*	-20°C/+80°C
Insulation	PE Ø 1.10 mm	*Electrical resistance*	< 87 Ohm/Km (conductor) @ 20°C	*Working tension*	< 50 V AC < 75 V DC
Shield	Aluminium foil 100%	*Electrical capacitance*	63 pF/mt (conductor/conductor) @ 1 KHz 107 pF/mt (conductor/shield) @ 1 KHz	*Weight*	20 Kg/Km
Jacket	Flexible PVC 80 shore Ø 4.00 mm	*Nominal Impedance*	80 ± 3 Ohm	*Minimum bending radius*	25 mm
		Attenuation	1 MHz = 2.10 dB/100 mt 3 MHz = 3.60 dB/100 mt 6 MHz = 5.00 dB/100 mt 8 MHz = 5.80 dB/100 mt 10 MHz = 6.50 dB/100 mt	*Packaging*	100 mt carton reel

NEW

HPC90

• Balanced AES/EBU Audio Digital cable (2 x 0,22 mm²) with small diameter shielded overall jacket. Flame resistant. - O.F.C. (Oxygen Free Copper)

HPC90

BK

HPC90					
Application fields	• Patch connections, gooseneck microphones • Home recording connections • Rack and console connections	*Jacket*	Flame retardant PVC 70 shore Ø 3.00 mm	*Velocity of Propagation*	80 %
Conductors	Bare copper 24 AWG = 28 x 0,10 mm (0.22 mm²)	*Drain wire*	Tinned copper 25 AWG = 7 x 0.18 mm (0.18 mm²)	*Operating temperature*	-20°C/+70°C
Insulation	PE Ø 1.20 mm	*Colour*	Black	*Working tension*	< 50 V AC < 75 V DC
Shield	Aluminium foil coverage 100%	*Electrical resistance*	87 Ohm/Km (conductor) @ 20°C	*Weight*	10 Kg/Km
		Electrical capacitance	37 pF/mt (conductor/conductor) @ 1 KHz 57 pF/mt (conductor/shield) @ 1 KHz	*Minimum bending ra dius*	20 x cable section radius
				Packaging	100 mt carton reel

HIGH QUALITY STAR QUAD O.F.C. MICROPHONE CABLES

• PROEL QUAD400/QUAD410 cables are designed mainly for microphone use, but they perfectly suit any other type of audio signal. The 4 conductors of QUAD400/QUAD410 cables eliminate interferences and buzzes produced by dimmer electrostatic fields, power transformers and fluorescent lights. The excellent response frequency is due to the special insulating PE jacket providing low dielectric capacitance. QUAD400/QUAD410 cables feature a high-density braided shielding to eliminate any buzzing and radio interference. Overall jacket is made of a special PVC, allowing an extremely easy handling and granting an excellent abrasion tolerance. These cables perfectly match with all XLR type audio connectors. QUAD410 features drain wire.

QUAD400

QUAD410

QUAD400

• High-quality STARQUAD microphone cable, 4 twisted conductors (4 x 0,22 mm²) with high-resistant antistatic overall jacket - O.F.C. (Oxygen Free Copper).

BK

QUAD410

• High-quality STARQUAD microphone cable, 4 conductors (4 x 0,22 mm²) twisted together with drain wire and high-resistant antistatic overall jacket - O.F.C. (Oxygen Free Copper).

BK

QUAD400 - QUAD410	
Application fields	• Microphone connections • Audio signal connections
Conductors	Bare copper QUAD400: 23 AWG = 28 x 0.10 mm (0.22 mm²) QUAD410: 23 AWG = 12 x 0.15 mm (0.22 mm²)
Insulation	XLPE QUAD400: Ø 1.20 mm - QUAD410: Ø 1.50 mm
Shield	Cotton tape QUAD400: Red spiral copper > 90% QUAD410: Red copper braid > 90%
Jacket	Flexible PVC 64 shore QUAD400: Ø 5.20 mm QUAD410: Ø 6.00 mm
Drain wire	Tinned copper (only QUAD410) 24 AWG = 7 x 0.15 mm (0.22 mm²)
Colour	Black

Electrical resistance	84 Ohm/Km (conductor) @ 20°C 18 Ohm/Km (shield) @ 20°C
Electrical capacitance	QUAD400: 50.5 pF/mt (c./c.) @ 1 KHz 44.0 pF/mt (c./s.) @ 1 KHz QUAD410: 48.0 pF/mt (c./c.) @ 1 KHz 42.0 pF/mt (c./s.) @ 1 KHz
Nominal Impedance	75 ± 3 Ohm
Attenuation	12 MHz = 0.30 dB/100 mt
Velocity of Propagation	80 %
Operating temperature	-20°C/+70°C
Working tension	< 50 V AC < 75 V DC
Weight	QUAD400: 38 Kg/Km QUAD410: 48 Kg/Km
Minimum bending radius	20 x cable section radius
Packaging	100 mt carton reel

PROFESSIONAL TWISTED FLEXIBLE SPEAKER CABLES

• Professional line of flexible loudspeaker cables, feature a wide range of configurations to guarantee the best achievable performance from standard applications to the most critical ones. Suitable for amplifier to loudspeakers connections. The PVC overall jacket and the composition of the ultraflexible inner conductors always grant a perfect winding. The typical applications are: sound reinforcement, distributed speaker systems and studio installation.

HPC600BK

• Ultraflexible 2 twisted conductors (2 x 0,75 mm²) speaker cable.

HPC600BK

Application fields	• Audio connections
Conductors	Bare copper 18 AWG = 24 x 0.20 mm (0.75 mm²)
Insulation	PVC Ø 2.35 mm
Shield	Flexible PVC 60 shore Ø 6.30 mm

Colour	Black
Electrical resistance	24.2 Ohm/Km (conductor) @ 20°C
Electrical capacitance	100 pF/mt (conductor/conductor) @ 1 KHz
Operating temperature	-20°C/+70°C
Working tension	300/500 V

Weight	53 Kg/Km
Minimum bending radius	10 x overall diameter
Additional notes	Construction & Controls: comlying with CEI 20-20 regulations
Packaging	100 mt carton reel

HPC610S

• Flexible 2 twisted conductors (2 x 1,3 mm²) speaker cable, small external diameter.

HPC610S

Application fields	• Audio connections
Conductors	Bare copper 16 AWG = 26 x 0.25 mm (1.30 mm²)
Insulation	PVC Ø 2.5 mm
Shield	Flexible PVC 60 shore Ø 6.30 mm

Colour	Black
Electrical resistance	12 Ohm/Km (conductor) @ 20°C
Electrical capacitance	114 pF/mt (conductor/conductor) @ 1 KHz
Operating temperature	-20°C/+70°C

Working tension	300/500 V
Weight	64.60 Kg/Km
Minimum bending radius	10 x overall diameter
Additional notes	Construction & Controls: comlying with CEI 20-20 regulations
Packaging	100 mt carton reel

HPC610BK

• Flexible 2 twisted conductors (2 x 1,5 mm²) speaker cable, small external diameter.

HPC610

Application fields	• Audio connections
Conductors	Bare copper 16 AWG = 30 x 0.25 mm (1.50 mm²)
Insulation	PVC Ø 2.7 mm
Shield	Flexible PVC 60 shore Ø 7 mm

Colour	Black, Blue RAL5014
Electrical resistance	12 Ohm/Km (conductor) @ 20°C
Electrical capacitance	115 pF/mt (conductor/conductor) @ 1 KHz
Operating temperature	-20°C/+70°C

Working tension	300/500 V
Weight	64.60 Kg/Km
Minimum bending radius	10 x overall diameter
Additional notes	Construction & Controls: comlying with CEI 20-20 regulations
Packaging	100 mt carton reel

PROFESSIONAL TWISTED FLEXIBLE SPEAKER CABLES

HPC620S

HPC620S

• Flexible 2 twisted conductors (2 x 2,20 mm²) speaker cable, small external diameter.

BK

HPC620S					
Application fields	• Audio connections	*Colour*	Black	*Working tension*	300/500 V
Conductors	Bare copper 14 AWG = 45 x 0.25 mm (2.20 mm²)	*Electrical resistance*	7.4 Ohm/Km (conductor) @ 20°C	*Weight*	97.80 Kg/Km
Insulation	PVC Ø 3 mm	*Electrical capacitance*	130 pF/mt (conductor/conductor) @ 1 KHz	*Minimum bending radius*	10 x overall diameter
Shield	Flexible PVC 60 shore Ø 7.20 mm	*Operating temperature*	-20°C/+70°C	*Additional notes*	Construction & Controls: comlying with CEI 20-20 regulations
				Packaging	100 mt carton reel

HPC620

HPC620BK

• Flexible 2 twisted conductors (2 x 2,50 mm²) speaker cable.

BK BL

HPC620					
Application fields	• Audio connections	*Colour*	Black, Blue RAL5014	*Working tension*	300/500 V
Conductors	Bare copper 14 AWG = 48 x 0.25 mm (2.50 mm²)	*Electrical resistance*	7.4 Ohm/Km (conductor) @ 20°C	*Weight*	122.40 Kg/Km
Insulation	PVC Ø 3.20 mm	*Electrical capacitance*	131 pF/mt (conductor/conductor) @ 1 KHz	*Minimum bending radius*	10x overall diameter
Shield	Flexible PVC 60 shore Ø 8.40 mm	*Operating temperature*	-20°C/+70°C	*Additional notes*	Construction & Controls: comlying with CEI 20-20 regulations
				Packaging	100 mt carton reel

PROFESSIONAL TWISTED FLEXIBLE SPEAKER CABLES

HPC624BK

HPC624BK

• Flexible 2 twisted conductors (2 x 4 mm²) speaker cable.

BK

HPC624BK

Application fields	• Audio connections
Conductors	Bare copper 12 AWG = 80 x 0.25 mm (4 mm²)
Insulation	PVC Ø 4 mm
Shield	Flexible PVC 60 shore Ø 11 mm

Colour	Black
Electrical resistance	4.5 Ohm/Km (conductor) @ 20°C
Electrical capacitance	116 pF/mt (conductor/conductor) @ 1 KHz
Operating temperature	-20°C/+70°C

Working tension	300/500 V
Weight	202.40 Kg/Km
Minimum bending radius	10 x overall diameter
Additional notes	Construction & Controls: complying with CEI 20-20 regulations
Packaging	100 mt wooden or wood fiber reel

HPC640BK

HPC640BK

• Flexible 4 twisted conductors (4 x 2,5 mm²) speaker cable.

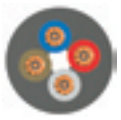
BK

HPC640BK

Application fields	• Audio connections
Conductors	Bare copper 14 AWG = 48 x 0.25 mm (2.5 mm²)
Insulation	PVC Ø 3.45 mm
Shield	Flexible PVC 60 shore Ø 11 mm

Colour	Black
Electrical resistance	4.5 Ohm/Km (conductor) @ 20°C
Electrical capacitance	85 pF/mt (conductor/conductor) @ 1 KHz
Operating temperature	-20°C/+70°C

Working tension	300/500 V
Weight	204.20 Kg/Km
Minimum bending radius	10 x overall diameter
Additional notes	Construction & Controls: complying with CEI 20-20 regulations
Packaging	100 mt wooden or wood fiber reel



HPC644BK

HPC644BK

• Flexible 4 twisted conductors (4 x 4 mm²) speaker cable.

BK

HPC644

Application fields	• Audio connections
Conductors	Bare copper 12 AWG = 53 x 0.25 mm (4 mm²)
Insulation	PVC Ø 4.20 mm
Shield	Flexible PVC 60 shore Ø 13.20 mm

Colour	Black
Electrical resistance	4.5 Ohm/Km (conductor) @ 20°C
Electrical capacitance	120 pF/mt (conductor/conductor) @ 1 KHz
Operating temperature	-20°C/+70°C

Working tension	300/500 V
Weight	344.80 Kg/Km
Minimum bending radius	10 x overall diameter
Additional notes	Construction & Controls: complying with CEI 20-20 regulations
Packaging	100 mt wooden or wood fiber reel

PROFESSIONAL TWISTED FLEXIBLE SPEAKER CABLES

HPC660BK

HPC660BK

• Flexible 6 twisted conductors (6 x 2,5 mm²) speaker cable.

BK

HPC660BK					
Application fields	• Audio connections	*Colour*	Black	*Working tension*	300/500 V
Conductors	Bare copper 14 AWG = 48 x 0.25 mm (2.5 mm²)	*Electrical resistance*	7.4 Ohm/Km (conductor) @ 20°C	*Weight*	349 Kg/Km
Insulation	PVC Ø 3.45 mm	*Electrical capacitance*	100 pF/mt (conductor/conductor) @ 1 KHz	*Minimum bending radius*	10 x overall diameter
Shield	Flexible PVC 60 shore Ø 12.90 mm	*Operating temperature*	-20°C/+70°C	*Additional notes*	Construction & Controls: complying with CEI 20-20 regulations
				Packaging	100 mt wooden or wood fiber reel

HPC680BK

HPC680BK

• Flexible 8 twisted conductors (8 x 2 mm²) speaker cable.

BK

HPC680BK					
Application fields	• Audio connections	*Colour*	Black	*Working tension*	300/500 V
Conductors	Bare copper 14 AWG = 41 x 0.25 mm (2.0 mm²)	*Electrical resistance*	7.9 Ohm/Km (conductor) @ 20°C	*Weight*	349.25 Kg/Km
Insulation	PVC Ø 3.00 mm	*Electrical capacitance*	100 pF/mt (conductor/conductor) @ 1 KHz	*Minimum bending radius*	10 x overall diameter
Shield	Flexible PVC 60 shore Ø 12.90 mm	*Operating temperature*	-20°C/+70°C	*Additional notes*	Construction & Controls: complying with CEI 20-20 regulations
				Packaging	100 mt wooden or wood fiber reel

PROFESSIONAL TWISTED FLEXIBLE FIRE RETARDANT SPEAKER CABLES

• Professional line of flexible speaker cables able to meet the most varied requirements in any application. The overall fire resistant PVC jacket and the composition of the ultraflexible inner conductors always grant a perfect winding of these cables even in the most extreme conditions.

HPC510

HPC510

• *Ultraflexible 2 twisted conductors (2 x 1,5 mm²) speaker cable with flame retardant PVC overall jacket.*

BK

HPC510					
Application fields	• Audio connections	*Jacket*	Flame retardant flexible PVC 75 shore Ø 7.0 mm Complying with CEI 20-22 II, CEI 20-37 regulations	*Electrical capacitance*	115 pF/mt (conductor/conductor) @ 1 KHz
Conductors	Bare copper 16 AWG = 29x0.25 mm (1.50 mm²)	*Colour*	Black	*Operating temperature*	-20°C/+60°C
Insulation	PVC Ø 2.85 mm	*Electrical resistance*	12 Ohm/Km (conductor) @ 20°C	*Working tension*	300/500 V
				Weight	83.60 Kg/Km
				Minimum bending radius	10 x overall diameter
				Packaging	100 mt carton reel

HPC520

HPC520

• *Ultraflexible 2 twisted conductors (2 x 2,5 mm²) speaker cable with flame retardant PVC overall jacket.*

BK

HPC520					
Application fields	• Audio connections	*Jacket*	Flame resistant flexible PVC 75 shore Ø 8.40 mm Complying with IEC 332.2 regulations	*Operating temperature*	-20°C/+60°C
Conductors	Bare copper 14 AWG = 48x0.25 mm (2.5 mm²) Complying with IEC 228 Class 5 regulations	*Colour*	Black	*Working tension*	300/500 V
Insulation	PVC Ø 3.20 mm Blue/Red	*Electrical resistance*	7.4 Ohm/Km (conductor) @ 20°C	*Weight*	122.40 Kg/Km
		Electrical capacitance	131 pF/mt (conductor/conductor) @ 1 KHz	*Minimum bending radius*	10 x overall diameter
				Packaging	100 mt carton reel

PROFESSIONAL TWISTED FLEXIBLE FIRE RETARDANT SPEAKER CABLES

• Up till now, scarce relevance has been given to interferences accumulated by loudspeaker power cables. As a matter of fact, the entity of currents engendered on cables, produced by electromagnetic waves through the ether, is extremely lower than the entity of the current generated by the amplified signal. This is not true in fixed installations, where the cables lie next to power supply cables over many metres. The same problem arises in the realization of 70V and 100V equipment where several hundred metres of line may be needed. The interference engendered is obviously low-frequency. For this reason we have realized a tinned copper braid shielding. Inside the cable we can find a pair of twisted conductors with PVC insulation, made of a very thin red copper. The overall jacket is made of anti-flame PVC, in conformity with the regulations on fixed installations.

HPC610FR

• Flexible 2 twisted conductors (2 x 1,5 mm²) speaker cable with PVC flame resistant jacket.

HPC610FR

HPC610FR					
Application fields	• Fixed installation audio connections	*Jacket*	Flame resistant flexible PVC 60 shore Ø 6.30 mm Complying with IEC 332.2 regulations	*Operating temperature*	-30°C/+80°C
Conductors	Bare copper 16 AWG = 29x0.25 mm (1.50 mm²) Complying with IEC 228 Class 5 regulations	*Colour*	Green RAL6017	*Working tension*	300/500 V
Insulation	PVC Ø 2.30 mm Blue/Red	*Electrical resistance*	14 Ohm/Km (conductor) @ 20°C	*Weight*	62 Kg/Km
		Electrical capacitance	82 pF/mt (conductor/conductor) @ 1 KHz	*Minimum bending radius*	4 x overall diameter
				Packaging	100 mt carton reel

HPC620FR

• Flexible 2 twisted conductors (2 x 2,5 mm²) speaker cable with PVC flame resistant jacket.

HPC620FR

HPC620FR					
Application fields	• Fixed installation audio connections	*Jacket*	Flame resistant flexible PVC 60 shore Ø 7.60 mm Complying with IEC 332.2 regulations	*Operating temperature*	-20°C/+80°C
Conductors	Bare copper 14 AWG = 48x0.25 mm (2.50 mm²) Complying with IEC 228 Class 5 regulations	*Colour*	Green RAL6017	*Working tension*	300/500 V
Insulation	PVC Ø 3.20 mm Blue/Red	*Electrical resistance*	8.7 Ohm/Km (conductor) @ 20°C	*Weight*	92 Kg/Km
		Electrical capacitance	78 pF/mt (conductor/conductor) @ 1 KHz	*Minimum bending radius*	4 x overall diameter
				Packaging	100 mt carton reel

HPC624FR

• Flexible 2 twisted conductors (2 x 4 mm²) speaker cable with PVC flame resistant jacket.

HPC624FR

HPC624FR					
Application fields	• Fixed installation audio connections	*Jacket*	Flame resistant flexible PVC 60 shore Ø 11.00 mm Complying with IEC 332.2 regulations	*Operating temperature*	-20°C/+80°C
Conductors	Bare copper 12 AWG = 80x0.25 mm (4.00 mm²)	*Colour*	Green RAL6017	*Working tension*	300/500 V
Insulation	PVC Ø 4.00 mm Blue/Red	*Electrical resistance*	5 Ohm/Km (conductor) @ 20°C	*Weight*	203 Kg/Km
		Electrical capacitance	80 pF/mt (conductor/conductor) @ 1 KHz	*Minimum bending radius*	4 x overall diameter
				Packaging	100 mt wooden or wood fiber reel

PROFESSIONAL SHIELDED & TWISTED FIRE RETARDANT SPEAKER CABLES

HPC610FRS

• Flexible 2 twisted conductors (2 x 1,5 mm²) shielded speaker cable with PVC flame resistant jacket.

HPC610FRS

HPC610FRS					
Application fields	• Fixed installation audio connections	*Jacket*	Flame resistant flexible PVC 60 shore Ø 6.60 mm Complying with IEC 332.2 regulations	*Operating temperature*	-30°C/+80°C
Conductors	Bare copper 16 AWG = 29x0.25 mm (1.50 mm²) Complying with IEC 228 Class 5 regulations	*Colour*	Green RAL6017	*Working tension*	300/500 V
Insulation	PVC Ø 2.30 mm Blue/Red	*Electrical resistance*	14 Ohm/Km (conductor) @ 20°C	*Weight*	79 Kg/Km
Drain wire	Tinned copper braid 100%	*Electrical capacitance*	105 pF/mt (conductor/conductor) @ 1 KHz 180 pF/mt (conductor/shield) @ 1 KHz	*Minimum bending radius*	4 x overall diameter
				Packaging	100 mt carton reel

HPC620FRS

• Flexible 2 twisted conductors (2 x 2,5 mm²) shielded speaker cable with PVC flame resistant jacket.

HPC620FRS

HPC620FRS					
Application fields	• Fixed installation audio connections	*Jacket*	Flame resistant flexible PVC 60 shore Ø 8.10 mm Complying with IEC 332.2 regulations	*Operating temperature*	-20°C/+80°C
Conductors	Bare copper 16 AWG = 48x0.25 mm (2.50 mm²) Complying with IEC 228 Class 5 regulations	*Colour*	Green RAL6017	*Working tension*	300/500 V
Insulation	PVC Ø 3.20 mm Blue/Red	*Electrical resistance*	8.7 Ohm/Km (conductor) @ 20°C	*Weight*	112 Kg/Km
Drain wire	Tinned copper braid 100%	*Electrical capacitance*	99 pF/mt (conductor/conductor) @ 1 KHz 168 pF/mt (conductor/shield) @ 1 KHz	*Minimum bending radius*	4 x overall diameter
				Packaging	100 mt carton reel

HPC624FRS

• Flexible 2 twisted conductors (2 x 4 mm²) shielded speaker cable with PVC flame resistant jacket.

HPC624FRS

HPC624FRS					
Application fields	• Fixed installation audio connections	*Jacket*	Flame resistant flexible PVC 60 shore Ø 11.50 mm Complying with IEC 332.2 regulations	*Operating temperature*	-20°C/+80°C
Conductors	Bare copper 12 AWG = 80x0.25 mm (4.00 mm²)	*Colour*	Green RAL6017	*Working tension*	300/500 V
Insulation	PVC Ø 4.00 mm Blue/Red	*Electrical resistance*	5 Ohm/Km (conductor) @ 20°C	*Weight*	232 Kg/Km
Drain wire	Tinned copper braid 100%	*Electrical capacitance*	105 pF/mt (conductor/conductor) @ 1 KHz 180 pF/mt (conductor/shield @ 1 KHz	*Minimum bending radius*	4 x overall diameter
				Packaging	100 mt wooden or wood fiber reel

PROFESSIONAL SHIELDED FLAT AUDIO CABLES MIDI CABLE

HPC300

HPC300

• 2 individually shielded conductors (2 x 0,14 mm²) flat cable with flexible PVC overall

BK

HPC300					
Application fields	• Audio connections	*Jacket*	Flexible PVC 50 shore Ø 3.00 mm	*Operating temperature*	-30°C/+70°C
Conductors	Bare copper 25 AWG = 18x0.10 mm (0.14 mm²)	*Colour*	Black	*Working tension*	< 50 V AC
Insulation	PVC 80 shore Ø 1.00 mm	*Electrical resistance*	122.80 Ohm/Km (conductor) @ 20°C	*Weight*	27 Kg/Km
Shield	Spiral copper 5x8x0.10 >90%	*Electrical capacitance*	52.5 pF/mt (conductor/conductor) @ 1 KHz 250 pF/mt (conductor/shield) @ 1 KHz	*Minimum bending radius*	20 x cable section radius
				Packaging	100 mt carton reel

HPC305

HPC305

• 2 individually shielded conductors (2 x 0,21 mm²) flat cable with flexible PVC overall jacket.

BK

HPC305					
Application fields	• Audio connections	*Jacket*	Flexible PVC 50 shore Ø 5.00 mm	*Operating temperature*	-30°C/+70°C
Conductors	Bare copper 23 AWG = 12x0.15 mm (0.21 mm²)	*Colour*	Black	*Working tension*	< 50 V AC
Insulation	PE Ø 1.60 mm	*Electrical resistance*	73.80 Ohm/Km (conductor) @ 20°C	*Weight*	43 Kg/Km
Shield	Spiral copper 4x16x0.10 >90%	*Electrical capacitance*	21.2 pF/mt (conductor/conductor) @ 1 KHz 117.5 pF/mt (conductor/shield) @ 1 KHz	*Minimum bending radius*	20 x cable section radius
				Packaging	100 mt carton reel

MIDI CABLE

HPC400

HPC400

• Professional 4- conductors (4 x 0,14 mm²) shielded MIDI cable with flexible PVC overall

BK

HPC400					
Application fields	• MIDI instruments connections • MIDI sync.	*Drain Wire*	Tinned copper 24 AWG = 7 x 0.16 mm (0.14 mm²)	*Electrical capacitance*	41 pF/mt (conductor/conductor) @ 1 KHz 88 pF/mt (conductor/shield) @ 1 KHz
Conductors	Bare copper 26 AWG = 18 x 0.10 mm (0.14 mm²)	*Jacket*	PVC 65 shore Ø 5.50 mm	*Operating temperature*	-20°C/+65°C
Insulation	PP Ø 1.25 mm	*Colour*	Black	*Working tension*	< 50 V AC
Shield	Tinned copper braid 16x8x0.10 mm 85%	*Electrical resistance*	123 Ohm/Km (conductor) @ 20°C	*Weight*	47.1 Kg/Km
				Minimum bending radius	20 x cable section radius
				Packaging	100 mt carton reel

PROFESSIONAL FLAT SPEAKER & HOME HI-FI CABLES

HPC700 - HPC710

HPC700 - HPC710

• Professional 2- conductors (HPC700 - 2 x 1,5 mm² / HPC710 - 2 x 3 mm²) flat cable with flexible PVC overall jacket.

HPC700 - HPC710					
Application fields	• Speaker connections • Home HI-FI connections	*Jacket*	Flexible PVC 64 shore HPC700: Ø 3.50 mm • HPC710: Ø 4.60 mm	*Electrical capacitance*	80 pF/mt (conductor/conductor) @ 1 KHz
Conductors	Bare copper Tinned copper HPC700: 15 AWG = 3x28x0.15 mm (1.50 mm²) HPC710: 12 AWG = 3x56x0.15 mm (3.00 mm²)	*Colour*	Translucent red	*Operating temperature*	-30°C/+70°C
		Electrical resistance	HPC700: < 8.7 Ohm/Km (conductor) @ 20°C HPC710: < 3.75 Ohm/Km (conductor) @ 20°C	*Working tension*	75 V
				Weight	HPC700: 83.6 Kg/Km HPC710: 138 Kg/Km
				Minimum bending radius	10 x overall diameter
				Packaging	100 mt carton reel

HPC740 - HPC750

HPC740 - HPC750

• 2-conductors (HPC740 - 2 x 2,08 mm² / HPC750 - 2 x 4,17 mm²) flat cable with flexible PVC overall jacket.

HPC740 - HPC750					
Application fields	• Speaker connections • Home HI-FI connections	*Jacket*	Flexible PVC 50 shore HPC740: Ø 4.00 mm • HPC750: Ø 4.60 mm	*Operating temperature*	-30°C/+65°C
Conductors	Bare copper HPC740: 14 AWG = 2x110x0.15 mm (2.08 mm²) HPC750: 11 AWG = 2x3x74x0.15 mm (4.17 mm²)	*Colour*	Black with red strip	*Working tension*	75 V
		Electrical resistance	HPC740: < 8.3 Ohm/Km (conductor) @ 20°C HPC750: < 4.95 Ohm/Km (conductor) @ 20°C	*Weight*	HPC740: 72 Kg/Km • HPC750: 114 Kg/Km
				Minimum bending radius	10 x overall diameter
		Electrical capacitance	HPC740: 131 pF/mt (c./c.) @ 1 KHz HPC750: 116 pF/mt (c./c.) @ 1 KHz	*Packaging*	100 mt carton reel

HPC752 - HPC754 - HPC756

HPC752 - HPC754 - HPC756

• 2-conductors (HPC752 - 2 x 0,75 mm² / HPC754 - 2 x 1 mm² / HPC752 - 2 x 1,5 mm²) flat cable with flexible PVC overall jacket.

HPC752 - HPC754 - HPC756					
Application fields	• Speaker connections • Home HI-FI connections	*Colour*	Red-Black (RN)	*Working tension*	75 V
Conductors	Bare copper HPC752: 19 AWG = 24x0.20 mm (0.75 mm²) HPC754: 18 AWG = 32x0.20 mm (1.00 mm²) HPC756: 15 AWG = 28x0.25 mm (1.5 mm²)	*Electrical resistance*	HPC752: < 26 Ohm/Km (conductor) @ 20°C HPC754: < 19.5 Ohm/Km (conductor) @ 20°C HPC756: < 13.3 Ohm/Km (conductor) @ 20°C	*Weight*	HPC752: 23.3 Kg/Km HPC754 : 32.4 Kg/Km • HPC756: 44.9 Kg/Km
		Electrical capacitance	HPC752: 100 pF/mt (c./c.) @ 1 KHz HPC754: 114 pF/mt (c./c.) @ 1 KHz HPC756: 115 pF/mt (c./c.) @ 1 KHz	*Minimum bending radius*	4 x overall diameter
Jacket	Flexible PVC TI1 60 shore HPC752: Ø 2.35 mm HPC754: Ø 2.80 mm • HPC756: Ø 3.20 mm	*Operating temperature*	-20°C/+70°C	*Packaging*	200 mt carton reel

DMX CABLES

• DMX cables are especially designed to connect lighting mixers using DMX data transmission to any device using this protocol (colour changer, scanner). Cables are made in conformity with the DMX512 standard featuring a 120 Ohm nominal impedance. Thanks to their small overall diameter, it is possible to use these cables also with XLR low profile connectors.

DMXD

• Constant impedance DMX 1 audio balanced twisted pair (2 x 0,15 mm²) cable with small diameter flexible flame resistant PVC overall jacket.

■ BK

DMXD

DMXD					
Application fields	• Standard DMX connections • Light/colour changer scanner connections	*Jacket*	Flame resistant flexible PVC Ø 5.40 mm Complying with IEC 332.1 regulations	*Nominal impedance*	120 Ohm
Conductors	Bare copper 24 AWG = 14 x 0.15 mm (0.25 mm²) Complying with IEC 228 Class 5 regulations	*Drain Wire*	Tinned copper 24 AWG = 7 x 0.20 mm (0.22 mm²)	*Attenuation*	66 %
Insulation	XLPE Ø 1.80 mm red/natural	*Colour*	Black	*Operating temperature*	-20°C/+80°C
Shield	PE filler PES foil 100% Tinned copper braid > 95%	*Electrical resistance*	85 Ohm/Km (conductor) @ 20°C 17 Ohm/Km (shield) @ 20°C	*Working tension*	< 50 V AC < 75 V DC
		Electrical capacitance	40 pF/mt (conductor/conductor) @ 1 KHz 71 pF/mt (conductor/shield) @ 1 KHz	*Weight*	38 Kg/Km
				Minimum bending radius	25 mm
				Packaging	100 mt carton reel

DMXDD

• Constant impedance DMX 2 audio balanced twisted pairs (2 x 2 x 0,15 mm²) cable with reduced diameter flexible flame resistant PVC overall jacket.

DMXD4

• Constant impedance DMX 4 audio balanced twisted pairs (4 x 2 x 0,15 mm²) cable with reduced diameter flexible flame resistant PVC overall jacket.

■ BK

DMXDD

NEW

■ BK

DMXD4

DMXDD - DMXD4					
Application fields	• Standard DMX connections • Light/colour changer scanner connections	*Jacket*	Flame resistant flexible PVC Ø 10.80 mm (DMXDD) or Ø 14.60 mm (DMXD4) Complying with IEC 332.1 regulations	*Operating temperature*	-20°C/+80°C
Conductors	Bare copper 24 AWG = 14 x 0.15 mm (0.25 mm²) Complying with IEC 228 Class 5 regulations	*Colour*	Black	*Working tension*	< 50 V AC < 75 V DC
Insulation	PE Ø 1.80 mm red/natural	*Electrical resistance*	85 Ohm/Km (conductor) @ 20°C 17 Ohm/Km (shield) @ 20°C	*Weight*	100 Kg/Km (DMXDD); 180 Kg/Km (DMXD4)
Shield	PE filler Aluminium foil 100% Tinned copper braid > 90% Non wovens	*Electrical capacitance*	52 pF/mt (conductor/conductor) @ 1 KHz 89 pF/mt (conductor/shield) @ 1 KHz	*Minimum bending radius*	25 mm
		Nominal impedance	120 Ohm	*Packaging*	100 mt wooden or wood fiber reel
		Attenuation	66 %		

DMX & POWER CABLES

DMXD1

DMXD1

• Constant impedance DMX 1 audio balanced twisted pair cable (2 x 0,15 mm²) and power cable (3 x 1,5 mm²) with reduced diameter flexible flame resistant PVC overall jacket.

BK

DMXD1

Application fields	• Standard DMX connections • Light/colour changer scanner connections
Conductors	Bare copper AUDIO: 24 AWG = 14 x 0.15 mm (0.25 mm²) Complying with IEC 228 Class 5 regulations POWER: 16 AWG = 3 x 1.5 mm (1.55 mm²)
Shield	CONDUCTORS PE filler - Aluminium/Mylard foil 100% - Tinned copper braid 90% CABLE Non wovens
Insulation	AUDIO: PE Ø 1.80 mm red/natural POWER: flame resistant PVC Ø 4.5 mm Complying with IEC 332.1 regulations
Jacket	CONDUCTORS AUDIO: flame resistant flexible PVC Ø 4.50 mm CABLE: flame resistant flexible PVC Ø 9.80 mm Complying with IEC 332.1 regulations
Colour	Black
Electrical resistance	85 Ohm/Km (conductor) @ 20°C 17 Ohm/Km (shield) @ 20°C
Electrical capacitance	40 pF/mt (conductor/conductor) @ 1 KHz
Nominal impedance	120 Ohm
Attenuation	66 %
Operating temperature	-20°C/+80°C
Working tension	300/500 V (Power) < 50 V AC (Signal) < 75 V DC (Signal)
Weight	146 Kg/Km
Minimum bending radius	25 mm
Packaging	100 mt wooden or wood fiber reel

DMXD2

DMXD2

• Constant impedence DMX 2 audio balanced twisted pairs cable (2 x 0,15 mm²) and power cable (3 x 1,5 mm²) and power cable with reduced diameter flexible flame resistant PVC overall jacket.

BK

DMXD2

Application fields	• Standard DMX connections • Light/colour changer scanner connections
Conductors	Bare copper AUDIO: 24 AWG = 14 x 0.15 mm (0.25 mm²) Complying with IEC 228 Class 5 regulations POWER: 16 AWG = 3 x 1.5 mm (1.55 mm²)
Shield	CONDUCTORS PE filler - Aluminium/Mylard foil 100% - Tinned copper braid 90% CABLE Non wovens
Insulation	AUDIO: PE Ø 1.80 mm red/natural POWER: flame resistant PVC Ø 4.5 mm Complying with IEC 332.1 regulations
Jacket	CONDUCTORS AUDIO: flame resistant flexible PVC Ø 4.50 mm CABLE: flame resistant flexible PVC Ø 11.40 mm Complying with IEC 332.1 regulations
Colour	Black
Electrical resistance	85 Ohm/Km (conductor) @ 20°C 17 Ohm/Km (shield) @ 20°C
Electrical capacitance	40 pF/mt (conductor/conductor) @ 1 KHz
Nominal impedance	120 Ohm
Attenuation	66 %
Operating temperature	-20°C/+80°C
Working tension	300/500 V (Power) < 50 V AC (Signal) < 75 V DC (Signal)
Weight	152 Kg/Km
Minimum bending radius	25 mm
Packaging	100 mt wooden or wood fiber reel

HIGH QUALITY BALANCED PHONO FEED CABLES

HPC501

• *Professional balanced phono-feed cable with flexible PVC overall jacket. 3 x 1.5 mm² power conductor + 2 x 0.35 mm² Audio cable.*

BK

HPC501

HPC501					
Application fields	• Audio connections	*Jacket*	CONDUCTORS PVC 60 shore Ø 4.00 mm CABLE Flexible PVC 60 shore Ø 10.80 mm Complying with CEI 20-35 regulations	*Operating temperature*	-10°C/+60°C
Conductors	Bare copper Power: 16 AWG = 3x29x0.25 mm (1.5 mm²) Signal: 22 AWG = 2x11x0.20 mm (0.35 mm²)	*Colour*	Black	*Working tension*	300/500 V (Power) < 50 V AC (Signal) < 75 V DC (Signal)
Insulation	Power: PVC 60 shore Ø 3.0 mm Signal: PVC HT105 Ø 1.50 mm	*Electrical resistance*	12 Ohm/Km @ 20°C (Power) 54.5 Ohm/Km @ 20°C (Signal)	*Weight*	182 Kg/Km
Shield	Spiral red copper 4x16x0.12 90%	*Electrical capacitance*	124 pF/mt (Signal) @ 1 KHz	*Minimum bending radius*	10 x cable section radius
				Packaging	100 mt wooden or wood fiber reel

HPC502

NEW

• *Professional balanced phono-feed cable with flexible PVC overall jacket. 3 x 2.5 mm² power conductor + 2 x 0.35 mm² Audio cable.*

BK

HPC502

HPC502					
Application fields	• Audio connections	*Shield*	Spiral red copper 16x5x0.10 mm > 90%	*Electrical capacitance*	124 pF/mt (Signal) @ 1 KHz
Conductors	Bare copper Power: 16 AWG = 3x49x0.245 mm (2.5 mm²) Signal: 22 AWG = 2x11x0.20 mm (0.35 mm²)	*Jacket*	CONDUCTORS PVC 70 shore Ø 4.00 mm CABLE Flexible PVC 60 shore Ø 11.20 mm Complying with CEI 20-35 regulations	*Operating temperature*	-5°C/+70°C
Insulation	Power: PVC 86 shore Ø 3.6 mm Signal: PVC 86 shore Ø 1.50 mm	*Colour*	Black	*Working tension*	300/500 V (Power) < 50 V AC (Signal) < 75 V DC (Signal)
		Electrical resistance	7.4 Ohm/Km @ 20°C (Power) 54.40 Ohm/Km @ 20°C (Signal)	*Weight*	235 Kg/Km
				Minimum bending radius	10x cable section radius
				Packaging	100 mt wooden or wood fiber reel

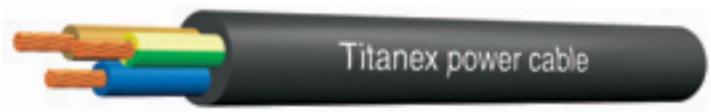
TITANEX POWER CABLE

• The "Titanex" power cable is employed by the most important lighting equipment installation, service and production companies. Neoprene rubber insulated, it grants high resistance to oils and humidity, as well as to abrasion. Extremely flexible, it can be used also in extreme weather conditions. It is made in conformity with the BS 6500, BS 6007, CEI 2010, UNEL 35364 technical regulations as well as with the I.E.C. 24566 regulations. Technical info: bare copper flexible conductor. Resistance at temperatures ranging from – 30° to + 85°. H07 RNF neoprene rubber insulated.

TX3025

• *Professional power multicore cable (3 x 2,5 mm²) with neoprene rubber insulated, flexible and antiabrasive overall jacket.*

BK



TX3025

TX3025					
Application fields	• Lighting bar cabling •PAR CAN installation • Spot & halogen light cabling	*Shield*	Flexible synthetic neoprene EM2 • TX3025: Ø 14.00 mm - 217 Kg/Km	*Working tension*	300/500 V (Power) < 50 V AC (Signal) < 75 V DC (Signal)
Conductors	Bare copper • TX3025: 3 x 2.5 mm² (3 conductors - 14 AWG)	*Jacket*	Flexible synthetic neoprene EM2 • TX3025: Ø 14.00 mm - 217 Kg/Km	*Minimum bending radius*	4 x overall diameter
Insulation	Synthetic rubber EI1	*Colour*	Black RAL9005	*Additional notes*	Complying with: CEI 254-4 (245 IEC 66 cable type) - DH 22.S2 (C.E.N.E.L.E.C.) regulations Custom packaging
		Operating temperature	-60°C/+85°C		

PROFESSIONAL MULTICORE POWER CABLE FIRE GUARD SERIES

• The FIREGUARD multicore cable series is manufactured in conformity with the CEI 20-22 and CEI 20-37 regulations. These cables feature a flame retardant, low corrosive fumes release PUR/PVC overall jacket and flexible tinned copper conductors, PVC insulated and highly resistant to abrasive wear. Thanks to this new series of cables, PROEL "Professional Cable" department is able to meet an increasing demand of fire retardant cables featuring remarkable flexibility peculiarities. This result has been achieved thanks to a careful study of a new compound able to match two fundamental aspects required by professional installations: safety and ease of handling.

HPC3015FG
HPC3025FG

HPC3015FG
HPC3025FG

• *Professional 3-conductor multicore power cable (HPC3015FG - 3 x 1,5 mm² / HPC3025FG - 3 x 2,5 mm²) with flame retardant, flexible, antiabrasive and low corrosive gas emission PVC/NBR overall jacket.*

BK

HPC5006FG

HPC5006FG

• *Professional 5-conductor multicore power cable (5 x 6 mm²) with flame retardant, flexible, antiabrasive and low corrosive gas emission PVC/NBR overall jacket.*

BK

HPC3015FG - HPC3025FG - HPC5006FG	
Application fields	• Disco/theatre/stadium cabling • Outdoor installations
Conductors	Tinned copper • HPC3015FG: 16 AWG = 29 x 0.25 mm (3 conductors • 1.50 mm²) • HPC3025FG: 14 AWG = 48 x 0.25 mm (3 conductors • 2.50 mm²) • HPC5006FG: 10 AWG = 112 x 0.25 mm (5 conductors • 6.00 mm²)
Insulation	PVC/NP 72 shore
Jacket	PVC/NBR • HPC3015FG: Ø 8.40 mm • HPC3025FG: Ø 10.00 mm • HPC5006FG: Ø 16.80 mm Complying with CEI 20-22 II • CEI 20-37 regulations
Colour	Black
Electrical resistance	• HPC3015FG: 12.00 Ohm/Km @ 20°C • HPC3025FG: 7.40 Ohm/Km @ 20°C • HPC5006FG: 2.90 Ohm/Km @ 20°C
Operating temperature	-35°C/+90°C
Working tension	300/500 V
Weight	• HPC3015FG: 114.8 Kg/Km • HPC3025FG: 161.8 Kg/Km • HPC5006FG: 539.2 Kg/Km
Minimum bending radius	10 x overall diameter
Packaging	custom packaging

PROFESSIONAL MULTICORE POWER CABLE FIRE GUARD SERIES

HPC1025FG - HPC1925FG

HPC1025FG

• *Professional 10-conductor multicore power cable (10 x 2,5 mm²) with flame retardant, flexible, antiabrasive and low corrosive gas emission PVC/NBR overall jacket.*

HPC1925FG

• *Professional 19-conductor multicore power cable (19 x 2,5 mm²) with flame retardant, flexible, antiabrasive and low corrosive gas emission PVC/NBR overall jacket.*

HPC1025FG - HPC1925FG			
Application fields	• Disco/theatre/stadium cabling • Outdoor installations	*Electrical resistance*	• HPC1025: 7.4 Ohm/Km @ 20°C • HPC1925: 7.4 Ohm/Km @ 20°C
Conductors	Bare copper • HPC1025: 14 AWG = 48 x 0.25 mm (10 conductors • 2.50 mm²) • HPC1925: 14 AWG = 30 x 0.25 mm (19 conductors • 2.50 mm²)	*Operating temperature*	-20°C/+70°C
		Working tension	300/500 V
		Weight	• HPC1025: 484 Kg/Km • HPC1925: 841 Kg/Km
Insulation	PVC TI2 NPI type Black-Yellow/Green	*Minimum bending radius*	6 x overall diameter
Jacket	PVC TM2 NPI type • HPC1025: Ø 17.00 mm • HPC1925: Ø 19.80 mm Complying with CEI 20-22 II regulations	*Packaging*	custom packaging
Colour	Grey		

BK

HPC0135FG - HPC0150FG - HPC0195FG

HPC0135FG
HPC0150FG
HPC0195FG

• *Professional conductor unipolar power cable (HPC0135FG - 1 x 35 mm² / HPC0150FG - 1 x 50 mm² / HPC0195FG - 1 x 95 mm²) with flame retardant, flexible, antiabrasive and low corrosive gas emission PVC/NBR overall jacket.*

HPC0135FG - HPC0150FG - HPC0195FG			
Application fields	• High-power cabling • Power-boxes cabling	*Electrical resistance*	• HPC0135FG: 0.400 Ohm/Km @ 20°C • HPC0150FG: 0.273 Ohm/Km @ 20°C • HPC0195FG: 0.121 Ohm/Km @ 20°C
Conductors	Tinned copper • HPC0135FG: 1 x 35 mm² (2 AWG) • HPC0150FG: 1 x 50 mm² (1/0 AWG) • HPC0195FG: 1 x 95 mm² (3/0 AWG)	*Operating temperature*	-35°C/+90°C
		Working tension	450 V 750 V
Insulation	PVC/NPI 72 shore	*Minimum bending radius*	4 x overall diameter
Jacket	PVC/NBR/NPI 82 shore • HPC0135FG: Ø 15.50 mm - 481 Kg/Km • HPC0150FG: Ø 18.40 mm - 660 Kg/Km • HPC0195FG: Ø 24.00 mm - 1230 Kg/Km Complying with CEI 20-22 II • CEI 20-37regulations	*Packaging*	Custom packaging
Colour	Black		

BK

CONNECTORS

• PROEL has been producing connectors since its beginnings, and since then, we have developed a deep knowledge of the professional audio/video connectors requirements, as they are one of the most important elements in any kind of connection. In recent years, several market researches have shown that our range of connectors is able to satisfy the most various professional interconnection requirements. Obviously, our experience has always allowed us to offer competitive prices without penalizing in any way the high quality of connectors. In the following pages, you will find our complete range of professional connectors for Audio/Video/Power applications and a completely new line of adapters. As well, you will find a selection of connectors of the most famous brands we have chosen to distribute in order to supply a really complete catalogue of products able to satisfy any requirement properly.

MAIN TYPES OF CONNECTORS

• *JACK Ø 6.3 mm -1/4" (Mono/Stereo - Plug/Socket - Cable Mount/Panel Mount) Bayonet locking coaxial connectors. They can be found in the 2-contact version (mono, also indicated as TR [Tip, Ring]) and in the 3- contact version (stereo, also indicated as TRS [Tip, Ring, Slave]). The 2-contact version is universally employed for the connection of musical instruments, of effect processors and of mixers (unbalanced line). The 3-contact version is used for stere*

• *JACK Ø 3.5 mm (Mono/Stereo - Plug/Socket - Cable Mount/Panel Mount) Iso indicated as Minijack, this bayonet mount connector finds its main usage in small size audio equipments such as Portable CD Players, Walkman, Minidisk Players, MP3 Players.*

• *XLR (3-5-7 pole - Plug/Socket - Cable Mount/Panel Mount) Also called "Cannon" from the name of the company which commercialized them first. They are 3 to 7-pole latch lock metal or plastic connectors with security anti-release switch. The 3-contact type is probably the most employed connector in the professional audio: it represents the standard in the transmission of the signal from microphones and in general wherever a balanced audio connection is required (the balanced connection allows the use of very long connection cables without having any signal loss. It is also free from radio frequency interferences because of the high shielding possible thanks to the three polarities (two for the signal and one as shield). Pin 1 always corresponds to shield. There are two standards for the attribution of the other two pins instead: some older equipments use 3 for positive and 2 for negative. More recent components use 2 for positive and 3 for negative instead. If you connect a XLR connector with a standard to an input/output port having the other standard, you will get an inverted signal in-phase in case of balanced line, a short circuit in case of unbalanced lines instead. The XLR connectors are also used for high level lines like the ones going from amplifiers to loudspeakers. In fact, for them it is recommended a 15 A maximum current capacity. The standard for high level connections is designed to have negative on pin 1 and positive on pins 2 and 3 together.*

• *SPEAKON (2-4-8 pole - Plug/Socket - Cable Mount/Panel Mount) They are plastic connectors specifically designed for high level signals, especially for speaker cables. There are three versions: 2-contact (for amplification), 4-contact (for bi-amplification) and 8-contact (for quad amplificaton) versions. Their bayonet locking system is protected by a metal retainer preventing its accidental disconnection.*

• *RCA They are small 2-contact coaxial metal or colour plastic connectors. They are used in hi-fi for low level signal connections. Moreover, RCA connectors (also called pin jack or "Cinch") can be employed in semiprofessional digital connections (standard SPDIF). Anyway in this case it is necessary to use best quality, possibly gold plated contact connectors.*

• *BNC (Plug/Socket - Cable Mount/Panel Mount) Terminal connector for coaxial signal cables used especially in the video/audio application range. It allows a good contact and has a good mechanical resistance. Altough designed for coaxial cables in the professional video application range, this standard - as coaxial cables are more and more frequently used as audio signal transmission cables - has also been extended to the professional audio field.*

• *DIN (3-5 pole - Plug/Socket - Cable Mount/Panel Mount) Once they were universally used in hi-fi, before being permanently eplaced by RCA connectors. At the moment their usage is limited to M.I.D.I. cables for the transmission of musical instruments digital protocol and to some control cables for analogic dimmers (Strand Lighting) or for DMX signals transmission.*

• *CAES/EBU DIGITAL CONNECTORS (Plug/Socket - Cable Mount/Panel Mount) XLR three-contact connectors used for standard connection of balanced digital audio signals in order to allow the communication among digital devices.*

• *DATA TRANSMISSION CONNECTORS (Plug/Socket - Cable Mount/Panel Mount) New type of RJ45 connectors for data transmission (both 10Base-T and 100Base-T systems) in harsh environments. Used for all CAT 5cables, this connector is also used for DMX light protocol.*

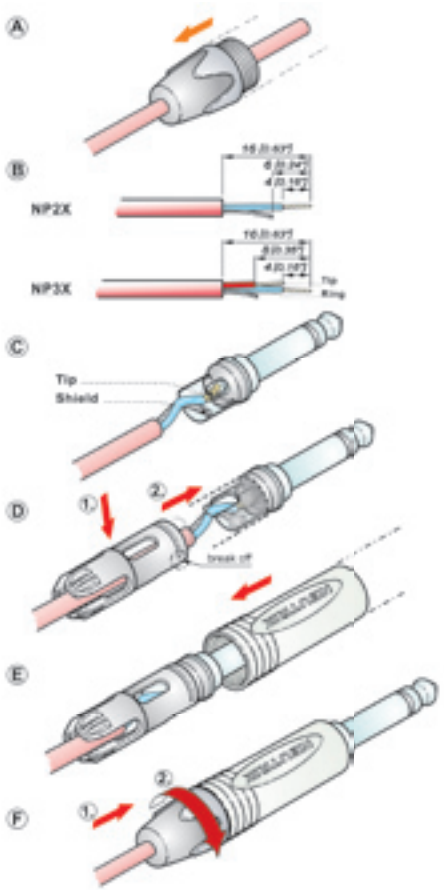
MAIN ASSEMBLING INSTRUCTIONS

JACK

A) *Slide the boot onto the cable.*
B) *Prepare cable as shown.*
C) *Solder the wire ends.*
D) *Position the chuck onto the cable and align chuck with plugfinger.*

Attention:
If using a cable with O.D. > 5.50 mm [0.216"] break away this part of the chuck.

E) *Slide the housing onto the plugfinger with the chuck.*
F) *Finish the installation by tighten the bushing onto the connector.*

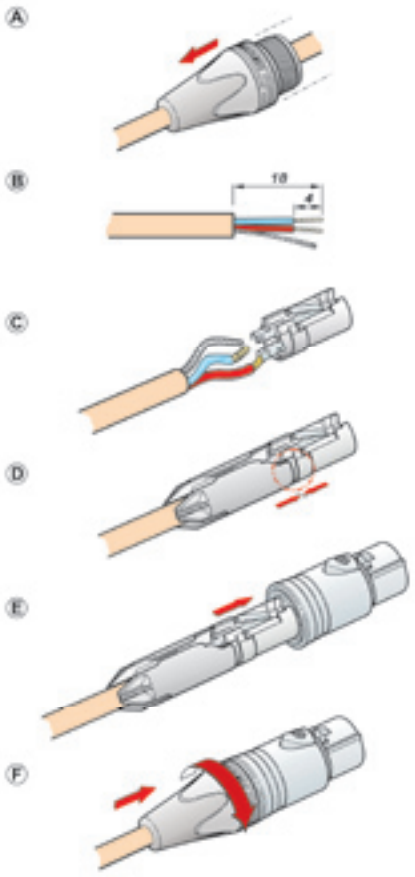


XLR

A) *Slide the boot onto the cable.*
B) *Prepare cable as shown.*
C) *Insert wires into the terminals and solder them.*
D) *Put chuck onto the cable.*

Attention: Pay attention to the guiding key.

E) *Slide insert and chuck together into the housing.*
F) *Finish the installation by turning the bushing onto the connector.*



SPEAKON
ASSEMBLY OF THE CONNECTOR:

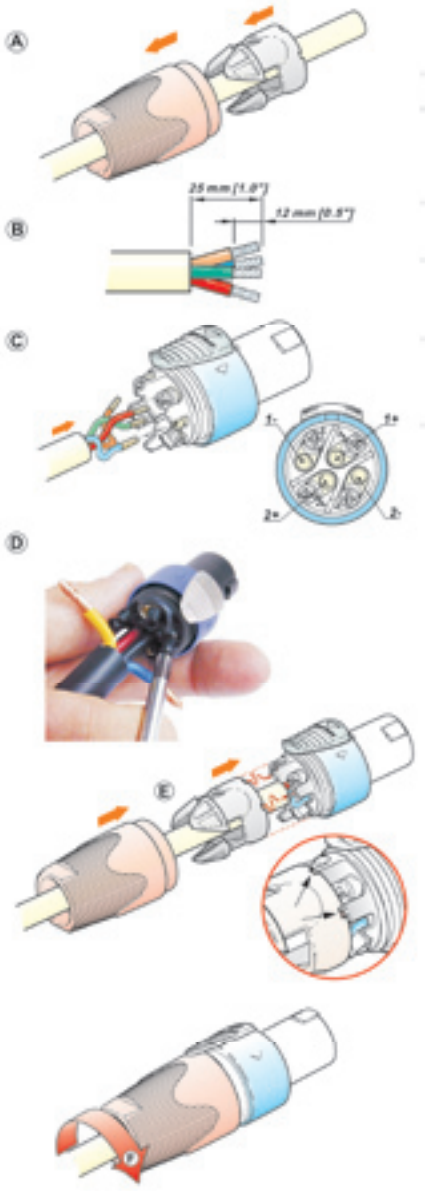
A) *Place bushing and chuck over cable.*
B) *Prepare cable as shown.*

Important is the stripping length of 25 mm and 12 mm.

C) *Insert wires into terminals and secure clamp terminals with screw driver.*
D) *For easy wiring especially on big cables, first screw on the inner conntacts 1+ and 2+ and afterwards the outer contacts 1- and 2- !*
E) *Push chuck up to housing .*

Important: Align the chuck by positioning the nose into the recess.

F) *Tighten the bushing*



Mono/stereo jack cable mount plugs ø 6.3 mm

NP2XAU
NP2RXAU

• Neutrik, new Professional Ø 6.3 mm "SILENT" Mono jack plug, gold plated contacts, red rubber overlay, silent switch. Special version of 2 pole plug with integrated switch which automatically mutes (shorts) a guitar cable to avoid annoying pops and squeals when hot swapping guitars. Available models: straight (NP2XAU) and right angle (NP2RXAU).

NP3TT1

• Neutrik Ø 4.4 mm. "BANTAM" jack male plug, plastic shell, ergonomic handle with solder contacts, 3 poles.

NP2X
NP2XBAG

• Neutrik, new Professional Ø 6.3 mm Mono jack plug, nickel contacts, extra slim design (shell with a width of 14.5 mm) for best handling convenience. Precision machined one-piece contacts, improved chuck type strain relief for reliable cable retention. Available with nickel shell (NP2X) and chrome black shell (NP2XBAG).

NP3X
NP3XBAG

• Neutrik, new Professional Ø 6.3 mm Stereo jack plug, nickel contacts, extra slim design (shell with a width of 14.5 mm) for best handling convenience. Same features as per NP2X. Available with nickel shell (NP3X) and chrome black shell (NP3XBAG).

NP2C

• Neutrik Ø 6.3 mm - 1/4" professional mono jack male plug, all metal, no rivets and with the exclusive cable clamping system, 2 poles.

NP3C

• Neutrik Ø 6.3 mm - 1/4" professional stereo jack male plug, all metal, no rivets and with the exclusive cable clamping system, 3 poles.

NP2RX
NP2RXBAG

• Neutrik, new Professional Ø 6.3 mm Right angle Mono jack plug, nickel contacts, extra slim design (shell with a width of 14.5 mm) for best handling convenience. Precision machined one-piece contacts, improved chuck type strain relief for reliable cable retention. Available with nickel shell (NP2RX) and chrome black shell (NP2RXBAG).

NP3RX

• Neutrik, new Professional Ø 6.3 mm Right angle Stereo jack plug, nickel contacts, extra slim design (shell with a width of 14.5 mm) for best handling convenience. Same features as per NP2RX. Available with nickel shell (NP3RX).

Stereo jack cable mount plugs/sockets ø 3.5 mm
Stereo cable mount/panel mount jack sockets ø 6.3 mm

NYS231
NYS231BG

• REAN, new Ø 3.5 mm Stereo jack plug. Precision machined contacts. Available with nickel shell and nickel contacts (NYS231) and chrome black shell with gold plated contacts (NYS231BG).

NYS240
NYS240BG

• REAN, new Ø 3.5 mm Mono jack socket. Precision machined contacts. Available with nickel shell and nickel contacts (NYS240) and chrome black shell with gold plated contacts (NYS240BG).

NTP3RC
NTP3RCB

• Neutrik, new Professional Ø 3.5 mm Right angle Stereo jack plug, solder termination, chuck type strain relief, bushing. Available with nickel housing and nickel contacts (NTP3RC) and with chrome black housing and gold plated contacts (NTP3RCB)

Stereo cable mount/panel mount Jack sockets Ø 6.3 mm

NJ3FC6
NJ3FC6BAG

• Neutrik, new Professional locking Ø 6.3 mm cable mount jack socket for secure in-line connections, excellent cable protection. Available with nickel housing and silver contacts (NJ3FC6) and black metal housing and silver contacts (NJ3FC6BAG).

NJ3FP6C
NJ3FP6CBAG

• Neutrik, new Professional locking Ø 6.3 mm panel mount jack socket (D-shape) for secure in-line connections. Available with nickel housing and silver contacts (NJ3FP6C) and black metal housing and silver contacts (NJ3FP6CBAG).

XLR cable mount female/male connectors

NEW

NC3FXX
NC3FXXBAG

• *Neutrik, new Professional XLR 3-pole female cable connector with new features which make it more reliable, easier to assemble and improves contact integrity as well cable strain relief. Additional ground spring contacts for better shell ground continuity. Available models: nickel housing and silver contacts (NC3FXX) and black metal housing and silver contacts (NC3FXXBAG).*

NEW

NC3MXX
NC3MXXBAG

• *Neutrik, new Professional XLR 3-pole male cable connector with new features which make it more reliable, easier to assemble and improves contact integrity as well cable strain relief. Improved locking recess without "window", more stringent housing increases durability. Available models: nickel housing and silver contacts (NC3MXX) and black metal housing and silver contacts (NC3MXXBAG).*

NEW

NC4FXX

• *Neutrik, new Professional XLR 4-pole female cable connector with same features as per NC3FXX. Available with nickel housing and silver contacts (NC4FXX).*

NEW

NC4MXX

• *Neutrik, new Professional XLR 4-pole male cable connector with same features as per NC3MXX. Available with nickel housing and silver contacts (NC4MXX).*

NEW

NC5FXX

• *Neutrik, new Professional XLR 5-pole female cable connector with same features as per NC3FXX. Available with nickel housing and silver contacts (NC5FXX).*

NEW

NC5MXX

• *Neutrik, new Professional XLR 5-pole male cable connector with same features as per NC3MXX. Available with nickel housing and silver contacts (NC5MXX).*

NEW

NC3FRX

• *Neutrik, new Professional XLR 3-pole right angle female connector with same features as per NC3FXX and with 5 selectable cable outlet positions. Available with nickel housing and silver contacts (NC3FRX).*

NEW

NC3MRX

• *Neutrik, new Professional XLR 3-pole right angle male connector with same features as per NC3MXX and with 5 selectable cable outlet positions. Available with nickel housing and silver contacts (NC3MRX).*

NEW

NC3FXXHD

• *Neutrik, new Professional "heavy duty" XLR 3-pole female cable connector for outdoor use. All metal design, dust and water protected according to IP 67 by mating with related NC3MXXHD cable connector or MPRHD panel mount connector. Provided with Gold contacts. (NC3FXXHD).*

NEW

NC3MXXHD

• *Neutrik, new Professional "heavy duty" XLR 3-pole male cable connector for outdoor use. All metal design, dust and water protected according to IP 67 by mating with related NC3FXXHD cable connector. Provided with Gold contacts. (NC3FXXHD).*

XLR cable mount connectors with switch XLR & "COMBO" panel mount female/male connectors

NC3FXS
NC3FXSB

• *Neutrik, Professional XLR 3-pole female cable connector, built in noiseless ON-OFF switch for use on a microphone without switch. Rugged zinc diecast shell, long lasting and durable. Available models: nickel housing and silver contacts (NC3FXS) and chrome black housing and silver contacts (NC3FXSB).*

NEW

NEW

NC3FDLX

• *Neutrik, new Professional D-shape XLR 3-pole female panel mount connector. The new DLX series features a compact all metal housing with an ingenious duplex ground contact, which offers excellent RF protection and shielding. Available with nickel housing and silver contacts (NC3FDLX).*

NEW

NC3MDLX

• *Neutrik, new Professional D-shape XLR 3-pole male panel mount connector. The new DLX series features a compact all metal housing with an ingenious duplex ground contact, which offers excellent RF protection and shielding. Available with nickel housing and silver contacts (NC3MDLX).*

NEW

NC5FDLX

• *Neutrik, new Professional D-shape XLR 5-pole female panel mount connector, with same features as per NC3FDLX. Available with nickel housing and silver contacts (NC5FDLX).*

NEW

NC5MDLX

• *Neutrik, new Professional D-shape XLR 5-pole male panel mount connector, with same features as per NC3MDLX. Available with nickel housing and silver contacts (NC5MDLX).*

NC3FAV2

• *Neutrik XLR panel mount nylon female receptacle with latch, pin 1 chassis - shell with separated ground, PCB vertical contacts, 3 poles*

NC3MAV

• *Neutrik XLR panel mount female receptacle, PCB vertical contacts, 3 poles.*

NEW

NC3MPRHD

• *Neutrik heavy duty sealed male XLR panel mount connector for outdoor use. Dust and water ingress sealing to IP65 rating is achieved by using HD cable connectors (NC3FXXHD). This connector can be used perfectly for outdoor and weatherproof applications as well as in a wide range of industrial applications.*

NCJ5FIS
NCJ6FIS

• *Neutrik "COMBO" XLR female receptacle with latch combining an XLR female receptacle and a Ø 6.3 mm - 1/4" jack female receptacle, soldering contacts. Available with 5 poles (NCJ5FIS) and 6 poles (NCJ6FIS).*

"SPEAKON" cable mount connectors

NL2FC

- *Neutrik "SPEAKON" cable mount female socket with retention spring, back shell for Ø 4 - 7 mm cables - 30 A continuous per contact, 2 poles.*

NEW

NL4FC

- *Neutrik, new Professional "SPEAKON" 4-pole female cable mount connector with Cable strain relief for 5 - 15 mm cable O.D. User friendly latch design for easy handling. 30A rms current rating.*

NL4FX

- *Neutrik "SPEAKON" cable mount female socket with new ergonomic fast retention spring, back shell for Ø 5 - 12 mm cables - 50 A continuous per contact, 4 poles.*

NL4FXA

- *Neutrik "SPEAKON" cable mount right-angled female socket with new ergonomic fast retention spring, back shell for Ø 5 - 12 mm. cables - 50 A continuous per contact, 4 poles.*

NLT4FX

- *Neutrik "SPEAKON" cable mount female socket, metal shell for extreme applications, water-resistant and suitable in the worst weather conditions, 50A, 4 poles.*

NLT4MX

- *Neutrik "SPEAKON" cable mount male plug, metal shell for extreme applications, water-resistant and suitable in the worst weather conditions, 50A, 4 poles.*

NLT4FX

NL8FC

- *Neutrik "SPEAKON" cable mount female socket with retention spring, back shell for Ø 10 - 21 mm. cables - 30 A continuous per contact, 8 poles.*

"SPEAKON" panel mount connectors & adapters

NL2MP

• *Neutrik "SPEAKON" panel mount male receptacle with small square flange, air tight, 2 poles.*

NL4MP

•*Neutrik "SPEAKON" panel mount male receptacle with small square flange, air tight, 4 poles.*

NL4MPR

• *Neutrik "SPEAKON" panel mount male receptacle with round flange, air tight, 4 poles.*

NL8MPR

• *Neutrik "SPEAKON" panel mount male receptacle with round flange, air tight, 4 poles.*

NLT4MP

• *Neutrik "SPEAKON" panel mount male receptacle with square flange and latch, air tight, metal body for extreme applications, water-resistant and suitable in the worst weather conditions, 50A, 4 poles.*

NLT4FP

• *Neutrik "SPEAKON" panel mount female receptacle with square flange and latch, air tight, metal body for extreme applications, water-resistant and suitable in the worst weather conditions, 50A, 4 poles.*

NL4MM

• *Neutrik "SPEAKON" 4-pole adapter to link two NL4FX - NL4FX together (suitable for cable extensions).*

NL8MM

• *Neutrik Professional "SPEAKON" 8-pole adapter to link two NL8FC together (suitable for cable extensions).*

NEW

NA4LJX

• *Neutrik, new Professional adapter from NL4FC to Ø 6.3mm Mono jack plug. The new SPX-Series Speakon Adaptor NA4LJX with the improved design is more rugged and the rated current has been increased to 20 A.*

"POWERCON" cable mount & panel mount connectors "RCA" cable mount & panel mount connectors

NAC3FCA
• *Neutrik "Powercon" cable mount 20A female power socket, blue, "POWER IN" system, 3 poles.*

NAC3FCB
• *Neutrik "Powercon" cable mount 20A female power socket, grey, "POWER OUT" system, 3 poles.*

NAC3MPA
• *Neutrik "Powercon" panel mount 20A male power receptacle, blue, "POWER IN" system, 3 poles.*

NAC3MPB
• *Neutrik "Powercon" panel mount 20A male power receptacle, grey, "POWER OUT" system, 3 poles.*

NAC3MM
• *Neutrik "Powercon" 3-pole adapter to link two NAC3FCA together (suitable for cable extensions).*

NAC3FCHC
• *Neutrik, new Professional 3-pole 32A "PowerCon". It is an extremely robust and reliable locking single phase AC appliance cable connector for high current capacity. 250 V ac, 32 Amp single-phase Premating contact for protective earth. Fast and easy locking system to prevent unintentional disengagement. Cable O.D. Range: 8 - 20 mm.*

NEW

NAC3MPHC
•**Neutrik,** *new Professional 3-pole 32A "PowerCon" 32A panel mount connector. Wiring with screw-type terminals for wires 2.5 to 6.0 mm≤ (AWG 14 - 10).*

NEW

"RCA" cable mount & panel mount connectors

NEW

NF2C (2 PCS.)
• *Neutrik, new Pofessional RCA cable mount male plug with gold plated contacts and the exclusive pre-insertion signal interruption device to eliminate any buzzing due to open contacts. Ø 8 mm cable outlet. Colour: red/black. Master pack: 2 pcs. (1 red - 1 black).*

NF2D2
NF2D9
• *RCA panel mount female receptacle with square flange. Gold plated contacts and body, female receptacle electrically insulated from the housing, solder mounting. Insulating ring colour: white (NF2D9), red (NF2D2). Master pack: 1 pc.*

NEW

NYS3730
• *REAN, new RCA plug with gold plated contacts, black chromium shell, chuck type strain relief. Black ring colour.*

REAN

NEW

NYS3732
• *REAN, new RCA plug with gold plated contacts, black chromium shell, chuck type strain relief. Red ring colour.*

REAN

"BNC" cable mount & panel mount connectors "ETHERCON" cable mount & panel mount connectors

NBC2C75PBK

- *BNC cable mount male plug, extremely ergonomic design, rubber coating, pushpull locking system. Colour: Black.*

NBC2C75BBK

- *BNC cable mount male plug, extremely ergonomic design, rubber coating, bayonet locking system. Colour: Black.*

NBB75DFI

- *BNC panel mount female receptacle, electrically insulated from the housing, square flange compatible with D series. Colour: nickel.*

NBB75DFIB

- *BNC panel mount female receptacle, electrically insulated from the housing, square flange compatible with D series. Colour: black*

NBB75DFG

- *BNC panel mount female receptacle, square flange compatible with D series. Colour: nickel.*

NBB75DFGB

- *BNC panel mount female receptacle, square flange compatible with D series. Colour: black*

"ETHERCON" cable mount & panel mount connectors

NE8MC

- *Neutrik RJ45 cable mount male plug for data transmission (both 10BaseT and 100Base-T systems) in harsh environments. Used for all CAT 5 cables, this connector is also used for the DMX light protocol. Colour: Nickel plated. ATTENTION: RJ45 connector is not included.*

NE8MCB

- *Neutrik RJ45 cable mount male plug for data transmission (both 10BaseT and 100Base-T systems) in harsh environments. Used for all CAT 5 cables, this connector is also used for the DMX light protocol. Colour: Black. ATTENTION: RJ45 connector is not included.*

NE8FDV

- *Neutrik RJ45 panel mount female receptacle for data transmission (both 10Base-T and 100Base-T) in harsh environments. Used for all CAT 5 cables, this connector is also employed for the DMX lighting protocol. Equipped with latch, horizontal contacts for direct connections with CAT 5 cable.*

PROEL - Mono Jack cable mount plugs Ø 6.3 mm

S210

• *Mono jack male plug Ø 6.3 mm.- 1/4" with nickel plated brass shell and Ø 7 mm. flexible cable spring. Master pack: 5 pcs.*

S210BK

• *Mono jack male plug Ø 6.3 mm.- 1/4" with nickel plated brass shell and Ø 7 mm. flexible cable spring. Colour: Black. Master pack: 5 pcs.*

S230

• *Mono jack male plug Ø 6.3 mm - 1/4" with nickel plated brass shell and Ø 7.3 mm flexible cable spring. Master pack: 5 pcs.*

S232

• *Professional mono jack male plug Ø 6.3 mm.- 1/4" with nickel plated brass shell, gold plated contacts and Ø 7.3 mm. flexible cable spring. Master pack: 5 pcs.*

S235

• *Professional mono jack male plug Ø 6.3 mm.- 1/4" with nickel plated brass shell and Ø 7.3 mm. flexible cable spring. Master pack: 5 pcs.*

S245

• *Professional mono jack male plug Ø 6.3 mm.- 1/4" with glod plated contacts, black nickel plated brass shell and Ø 8 mm. flexible cable spring. Master pack: 5 pcs.*

S250BK

• *Professional mono jack male plug Ø 6.3 mm.- 1/4" with gold plated shell and contacts. Flexible cable spring Ø 8 mm. Colour: black shell ring. Master pack: 5 pcs.*

S250RD

• *Professional mono jack male plug Ø 6.3 mm.- 1/4" with gold plated shell and contacts. Flexible cable spring Ø 8 mm. Colour: red shell ring. Master pack: 5 pcs.*

S260BK

• *Professional mono jack male plug Ø 6.3 mm.- 1/4" with nickel plated colour PVC coated shell and flexible cable spring Ø 7.3 mm. Colour: black. Master pack: 5 pcs.*

S320

• *Professional mono jack male plug Ø 6.3 mm - 1/4", gold plated contacts, nickel plated silver plated brass shell and Ø 7.3 mm. flexible cable spring. Master pack: 5 pcs.*

PROEL - Mono Jack cable mount plugs Ø 6.3 mm

S325

- *Professional mono jack male plug Ø 6.3 mm - 1/4", with the exclusive JACK PUSHPULL system to eliminate any noise due to open contacts. Gold plated contacts, nickel plated silver plated brass shell and Ø 7.3 mm. flexible cable spring. Master pack: 5 pcs.*

S350

- *Professional mono jack male plug Ø 6.3 mm - 1/4", new exclusive ergonomic design with gold plated shell and contacts, Ø 7.3 mm flexible cable spring. Master pack: 5 pcs.*

S355

- *Professional mono jack male plug Ø 6.3 mm.- 1/4", copper tip, nickel plated silver plated brass shell and Ø 7.3 mm. flexible cable spring. Master pack: 5 pcs.*

S400

- *Professional mono "Mini-Jumbo" jack male plug Ø 6.3 mm - 1/4", nickel plated brass shell and Ø 9 mm flexible cable spring. Master pack: 5 pcs.*

S450

- *Professional mono "Mini-Jumbo" jack male plug Ø 6.3 mm - 1/4", nickel plated brass shell and Ø 9 mm PVC cable outlet. Master pack: 5 pcs.*

S450BK

- *Professional mono "Mini-Jumbo" jack male plug Ø 6.3 mm - 1/4", black nickel plated brass shell and Ø 9 mm PVC cable outlet. Master pack: 5 pcs.*

S500

- *Professional mono "Jumbo" jack male plug Ø 6.3 mm - 1/4" with nickel plated shell and Ø 12 mm flexible cable spring. Master pack: 2 pcs.*

S290BK

- *Mono jack male plug Ø 6.3 mm - 1/4" with gold plated contacts, natural rubber sleeve and inner nylon cable clamping system, Ø 7.5 mm cable outlet. Colour: Black. Master pack: 5 pcs.*

S290RD

- *Mono jack male plug Ø 6.3 mm - 1/4" with gold plated contacts, natural rubber sleeve and inner nylon cable clamping system, Ø 7.5 mm cable outlet. Colour: Red. Master pack: 5 pcs.*

S290BL

- *Mono jack male plug Ø 6.3 mm - 1/4" with gold plated contacts, natural rubber sleeve and inner nylon cable clamping system, Ø 7.5 mm cable outlet. Colour: Blue. Master pack: 5 pcs.*

PROEL - Mono Jack cable mount plugs Ø 6.3 mm

S2C

- *Professional mono jack male plug Ø 6.3 mm - 1/4", nickel plated die cast aluminium shell and Ø 7.5 mm black PVC cable outlet. Colour: Black ring. Master pack: 5 pcs.*

S2CBK

- *Professional mono jack male plug Ø 6.3 mm - 1/4", black nickel plated die cast aluminium shell and Ø 7.5 mm black PVC cable outlet. Colour: Black ring. Master pack: 5 pcs.*

S2CBL

- *Professional mono jack male plug Ø 6.3 mm - 1/4", nickel plated die cast aluminium shell and Ø 7.5 mm black PVC cable outlet. Colour: Blue ring. Master pack: 5 pcs.*

S2CRD

- *Professional mono jack male plug Ø 6.3 mm - 1/4", nickel plated die cast aluminium shell and Ø 7.5 mm black PVC cable outlet. Colour: Red ring. Master pack: 5 pcs.*

S2CPROBK

- *Professional mono jack male plug Ø 6.3 mm - 1/4", gold plated tip, nickel plated die cast aluminium shell with nickel plated aluminium coupling ring and inner nylon cable clamping system. Colour: Black ring. Master pack: 5 pcs.*

S2CPROBL

- *Professional mono jack male plug Ø 6.3 mm - 1/4", gold plated tip, nickel plated die cast aluminium shell with nickel plated aluminium coupling ring and inner nylon cable clamping system. Colour: Blue ring. Master pack: 5 pcs.*

S2CPRORD

- *Professional mono jack male plug Ø 6.3 mm - 1/4", gold plated tip, nickel plated die cast aluminium shell with nickel plated aluminium coupling ring and inner nylon cable clamping system. Colour: Red ring. Master pack: 5 pcs.*

NEW

S4CPRO

- *New professional Ø 6.3 mm - 1/4" mono jack plug, with die cast aluminium shell, nickel plated contacts and Ø 7.3 mm flexible cable spring. Master pack: 5 pcs.*

PROEL - Mono Jack cable mount plugs Ø 6.3 mm

S215

• *Stereo jack male plug Ø 6.3 mm - 1/4" with nickel plated brass body and Ø 7 mm flexible cable spring. Master pack: 5 pcs.*

S215BK

• *Stereo jack male plug Ø 6.3 mm - 1/4" with black nickel plated brass shell and Ø 7 mm flexible cable spring. Colour: black. Master pack: 5 pcs.*

S230S

• *Stereo jack male plug Ø 6.3 mm - 1/4" with nickel plated brass shell and Ø 7.3 mm flexible cable spring. Master pack: 5 pcs.*

S232S

• *Professional stereo jack male plug Ø 6.3 mm - 1/4" with nickel plated brass shell and Ø 7.3 mm flexible cable spring. Gold plated contacts. Master pack: 5 pcs.*

S255BK

• *Professional stereo jack male plug Ø 6.3 mm - 1/4" with gold plated shell and contacts. Ø 8 mm flexible cable spring. Colour: Black shell ring. Master pack: 5 pcs.*

S255RD

• *Professional stereo jack male plug Ø 6.3 mm - 1/4" with gold plated shell and contacts, Ø 8mm flexible cable spring. Colour: Red shell ring. Master pack: 5 pcs.*

S320S

• *Professional stereo jack male plug Ø 6.3 mm - 1/4", gold plated contacts, nickel plated silver plated brass shell and Ø 7.3 mm flexible cable spring. Master pack: 5 pcs.*

S350S

• *Professional stereo jack male plug Ø 6.3 mm - 1/4", new exclusive ergonomic design with gold plated shell and contacts, Ø 7.3 mm flexible cable spring. Master pack: 5 pcs.*

S355S

• *Professional stereo jack male plug Ø 6.3 mm - 1/4", copper tip, nickel plated silver plated brass shell and Ø 7.3 mm flexible cable spring. Master pack: 5 pcs.*

S295BK

• *Professional stereo jack male plug Ø 6.3 mm - 1/4" with gold plated contacts, natural rubber sleeve and inner nylon cable clamping system, Ø 7.5 mm cable outlet. Colour: Black. Master pack: 5 pcs.*

PROEL - Mono Jack cable mount plugs Ø 6.3 mm

S295BL

• *Professional stereo jack male plug Ø 6.3 mm - 1/4" with gold plated contacts, natural rubber sleeve and inner nylon cable clamping system, Ø 7.5 mm cable outlet. Colour: Blue. Master pack: 5 pcs.*

S295RD

• *Professional stereo jack male plug Ø 6.3 mm - 1/4" with gold plated contacts, natural rubber sleeve and inner nylon cable clamping system, Ø 7.5 mm cable outlet. Colour: Red. Master pack: 5 pcs.*

S3C

• *Professional stereo jack male plug Ø 6.3 mm - 1/4", nickel plated die cast aluminium shell and Ø 7.5 mm black PVC cable outlet. Colour: black sleeve ring. Master pack: 5 pcs.*

S3CBK

• *Professional stereo jack male plug Ø 6.3 mm - 1/4", black nickel plated die cast aluminium shell and Ø 7.5 mm black PVC cable outlet. Colour: black sleeve ring. Master pack: 5 pcs.*

S3CBL

• *Professional stereo jack male plug Ø 6.3 mm - 1/4", nickel plated die cast aluminium shell and Ø 7.5 mm black PVC cable outlet. Colour: blue sleeve ring. Master pack: 5 pcs.*

S3CRD

• *Professional stereo jack male plug Ø 6.3 mm - 1/4", nickel plated die cast aluminium shell and Ø 7.5 mm black PVC cable outlet. Colour: red sleeve ring. Master pack: 5 pcs.*

S3CPROBK

• *Professional stereo jack male plug 6.3 mm - 1/4", gold plated tip, nickel plated die cast aluminium shell with nickel plated aluminium coupling ring and inner nylon cable clamping system. Colour: black ring. Master pack: 5 pcs.*

S3CPROBL

• *Professional stereo jack male plug 6.3 mm - 1/4", gold plated tip, nickel plated die cast aluminium shell with nickel plated aluminium coupling ring and inner nylon cable clamping system. Colour: blue ring. Master pack: pcs.*

S3CPRORD

• *Professional stereo jack male plug Ø 6.3 mm - 1/4", gold plated tip, nickel plated die cast aluminium shell with nickel plated aluminium coupling ring and inner nylon cable clamping system. Colour: red ring. Master pack: 5 pcs.*

NEW

S5CPRO

• *New professional Ø 6.3 mm - 1/4" Stereo jack plug, with die cast aluminium shell, nickel plated contacts and Ø 7.3 mm flexible cable spring. Master pack: 5 pcs.*

PROEL - Mono & Stereo Right angle Jack cable mount plugs Ø 6.3 mm

S240

• *Professional Ø 6.3 mm - 1/4" mono right-angled jack male plug, all metal, no rivets and with the exclusive cable clamping system. Master pack: 5 pcs.*

S240S

• *Professional Ø 6.3 mm - 1/4" stereo right-angled jack male plug, all metal, no rivets and with the exclusive cable clamping system. Master pack: 5 pcs.*

S242

• *Professional mono jack male plug Ø 6.3 mm -1/4", right-angled with gold plated contacts, silver plated aluminium shell and Ø 7.3 mm flexible cable spring. Master pack: 5 pcs.*

S242S

• *Professional stereo jack male plug Ø 6.3 mm -1/4", right-angled with gold plated contacts, silver plated aluminium shell and Ø 7.3 mm flexible cable spring. Master pack: 5 pcs.*

S352

• *Professional right-angled mono jack male plug Ø 6.3 mm -1/4", new exclusive ergonomic design, with gold plated shell and contacts, Ø 7.3 mm flexible cable spring. Master pack: 5 pcs.*

S352S

• *Professional right-angled stereo jack male plug Ø 6.3 mm -1/4", new exclusive ergonomic design, gold plated shell and contacts, Ø 7.3 mm flexible cable spring. Master pack: 5 pcs.*

S2RCS

• *Professional mono right-angled jack male plug Ø 6.3 mm -1/4", all metal, with security metal cable clamping system. Master pack: 5 pcs.*

S3RCS

• *Professional stereo right-angled jack male plug Ø 6.3 mm -1/4", all metal, with security metal cable clamping system. Master pack: 5 pcs.*

NEW

S4RCS.

• *New professional Ø 6.3 mm - 1/4" right angle mono jack plug, with die cast aluminium shell, nickel plated contacts and Ø 7.3 mm flexible cable spring. Master pack: 5 pcs.*

NEW

S5RCS

• *New professional Ø 6.3 mm - 1/4" right angle stereo jack plug, with die cast aluminium shell, nickel plated contacts and Ø 7.3 mm flexible cable spring. Master pack: 5 pcs.*

PROEL - Mono & Stereo Jack cable/panel mount sockets Ø 6.3 mm
Mono & Stereo Jack cable mount plugs/sockets Ø 3.5 mm

P220
P230
• *Cable mount mono jack female socket Ø 6.3 mm -1/4", with nickel plated brass shell and Ø 6.5 mm flexible cable spring. Available models: black shell ring (P220) and red shell ring (P230). Master pack: 5 pcs.*

P2C
• *Cable mount stereo jack female socket Ø 6.3 mm -1/4" with silver plated die cast aluminium shell, latch lock, inner nylon cable clamping system and Ø 10 mm flexible cable spring. Master pack: 4 pcs.*

PP2C
• *Panel mount stereo jack female socket Ø 6.3 mm -1/4", anodized aluminium with latch lock. Master pack: 4 pcs.*

PP300
• *Panel mount mono jack female socket Ø 6.3 mm -1/4", 2 poles, solder contacts. Master pack: 10 pcs.*

PP300SW
• *Panel mount mono jack female socket Ø 6.3 mm -1/4", 2 poles, with switch, solder contacts. Master pack: 10 pcs.*

PP310
• *Panel mount jack stereo female socket Ø 6.3 mm -1/4", 3 poles, solder contacts. Master pack: 10 pcs.*

Mono & Stereo cable mount plugs/socket Ø 3.5 mm

S120
• *Mono jack male plug Ø 3.5 mm with nickel plated brass shell and Ø 5 mm flexible cable spring. Master pack: 5 pcs.*

S130
• *Stereo jack male plug Ø 3.5 mm with nickel plated brass shell and Ø 5 mm flexible cable spring. Master pack: 5 pcs*

S140
• *Mono jack male plug Ø 3.5 mm , with gold plated shell and contacts, Ø 5 mm flexible cable spring. Master pack: 5 pcs.*

S150
• *Stereo jack male plug Ø 3.5 mm , with gold plated shell and contacts, Ø 5 mm flexible cable spring. Master pack: 5 pcs.*

S160
• *Mono jack male plug Ø 3.5 mm , new ergonomic design with gold plated brass shell and Ø 5 mm cable entry. Master pack: 5 pcs.*

S170
• *Stereo jack male plug Ø 3.5 mm, new exclusive ergonomic design with gold plated brass shell and Ø 5 mm cable entry. Master pack: 5 pcs.*

P130
• *Cable mount stereo jack female connector Ø 3.5 mm with nickel plated brass shell and Ø 5 mm flexible cable spring. Colour: black. Master pack: 5 pcs.*

PROEL - XLR cable mount female connectors

XLR3FV
XLR5FV

• *Professional XLR cable mount female socket, nickel plated shell. Available models: 3P (XLR3FV) - 5P (XLR5FV) Master pack: 4 pcs.*

XLR3FVBK

• *3-pole XLR cable mount female socket, nickel plated black shell. Master pack: 4 pcs.*

XLR3FVBL

• *3-pole XLR cable mount female socket, nickel plated shell. Colour: blue backshell. Master pack: 4 pcs.*

XLR3FVRD

• *3-pole XLR cable mount female socket, nickel plated shell. Colour: red backshell. Master pack: 4 pcs.*

XLR3FABK

• *3-pole XLR cable mount female socket, nickel plated shell. Colour: black backshell. Master pack: 4 pcs.*

XLR3FABL

• *3-pole XLR cable mount female socket, nickel plated shell. Colour: blue backshell. Master pack: 4 pcs.*

XLR3FARD

• *3-pole XLR cable mount female socket, nickel plated shell. Colour: red backshell. Master pack: 4 pcs.*

XLR3F

• *3-pole XLR cable mount female socket with nickel plated shell and PVC cable spring. Master pack: 4 pcs.*

PROEL - XLR cable mount female connectors and accessories

XLR3FVPRO
XLR5FVPRO

• *Professional XLR cable mount female socket, nickel plated die cast aluminium shell and nickel plated aluminium coupling ring, inner nylon clamping system with PVC terminal spring. Available models: 3-pole (XLR3FVPRO) - 5-pole (XLR5FVPRO) Colour: silver ring. Master pack: 4 pcs.*

XLR3FVPROBK
XLR5FVPROBK

• *Professional XLR cable mount female socket, nickel plated die cast aluminium shell and nickel plated aluminium coupling ring, inner nylon clamping system with PVC terminal spring. Available models: 3-pole (XLR3FVPROBK) - 5-pole (XLR5FVPROBK) Colour: black ring. Master pack: 4 pcs.*

XLR3FVPROBL
XLR5FVPROBL

• *Professional XLR cable mount female socket, nickel plated die cast aluminium shell and nickel plated aluminium coupling ring, inner nylon clamping system with PVC terminal spring. Available models: 3-pole (XLR3FVPROBL) - 5-pole (XLR5FVPROBL) Colour: blue ring. Master pack: 4 pcs.*

XLR3FVPRORD
XLR5FVPRORD

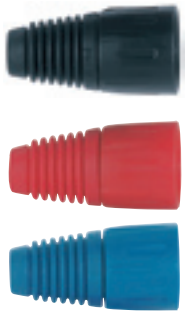
• *Professional XLR cable mount female socket, nickel plated die cast aluminium shell and nickel plated aluminium coupling ring, inner nylon clamping system with PVC terminal spring. Available models: 3-pole (XLR3FVPRORD) - 5-pole (XLR5FVPRORD) Colour: red ring. Master pack: 4 pcs.*

XLR3FRC

• *3-pole XLR cable mount right-angled female socket with nickel plated shell and PVC flexible cable outlet. Master pack: 4 pcs.*

XLR3FRCBK

• *3-pole XLR cable mount right-angled female socket with black nickel plated shell and PVC flexible cable outlet. Colour: black. Master pack: 4 pcs.*



KXLRCUPBK
KXLRCUPRD
KXLRCUPBL

• *6 colour nylon back-shells for XLRFV/XLRMV series cable mount connectors. Colours: Black (KXLRCUPBK), Red (KXLRCUPRD), Blue (KXLRCUPBL). Master pack: set of 6 pcs.*

KXLR1X4
KXLR1X6
KXLR1X8
KXLR1X12
KXLR1X16
KXLR1X24
KXLR1X32
KXLR1X40
KXLR1X48

• *Numbered nylon rings kit to insert on the XLRFV /XLRMV and XLRFA/ XLRMA series XLR connectors. Master pack: 1 set.*

KXLR8RD
KXLR8BL
KXLR8YE

• *8 colour nylon rings kit to insert on the XLRMV and XLRMA series XLR male plugs and on the XLRFV and XLRFA series XLR female connectors. Master pack: set of 8 pcs.*

PROEL - XLR cable mount male connectors

XLR3MV
XLR5MV
• *Professinal XLR cable mount male plug, nickel plated shell. Available models: 3P (XLR3MV) - 5P (XLR5MV) Master pack: 4 pcs.*

XLR3MVBK
• *3-pole XLR cable mount male plug, nickel plated black shell. Master pack: 4 pcs.*

XLR3MVBL
• *3-pole XLR cable mount male plug, nickel plated shell. Colour: blue back-shell. Master pack: 4 pcs.*

XLR3MVRD
• *3-pole XLR cable mount male plug, nickel plated shell. Colour: red back-shell. Master pack: 4 pcs.*

XLR3MABK
• *3-pole XLR cable mount male plug, nickel plated shell. Colour: black back-shell. Master pack: 4 pcs.*

XLR3MABL
• *3-pole XLR cable mount male plug, nickel plated shell. Colour: blue back-shell. Master pack: 4 pcs.*

XLR3MARD
• *3-pole XLR cable mount male plug, nickel plated shell. Colour: red backshell. Master pack: 4 pcs.*

XLR3M
• *3-pole XLR cable mount male plug, nickel plated shell and PVC cable spring. Master pack: 4 pcs.*

PROEL - XLR cable mount male connectors and accessories

XLR3MVPRO
XLR5MVPRO

• *Professional XLR cable mount male plug, nickel plated die cast aluminium shell and nickel plated aluminium coupling ring, inner nylon clamping system with PVC terminal spring. Available models: 3-pole (XLR3MVPRO) - 5-pole (XLR5MVPRO) Colour: silver ring. Master pack: 4 pcs.*

XLR3MVPROBK
XLR5MVPROBK

• *Professional XLR cable mount male plug, nickel plated die cast aluminium shell and nickel plated aluminium coupling ring, inner nylon clamping system with PVC terminal spring. Available models: 3-pole (XLR3MVPROBK) - 5-pole (XLR5MVPROBK) Colour: black ring. Master pack: 4 pcs*

XLR3MVPROBL
XLR5MVPROBL

• *Professional XLR cable mount male plug, nickel plated die cast aluminium shell and nickel plated aluminium coupling ring, inner nylon clamping system with PVC terminal spring. Available models: 3-pole (XLR3MVPROBL) - 5-pole (XLR5MVPROBL) Colour: blue ring. Master pack: 4 pcs.*

XLR3MVPRORD
XLR5MVPRORD

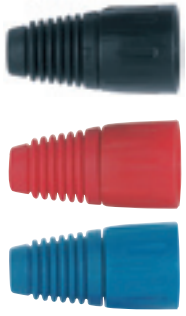
• *Professional XLR cable mount male plug, nickel plated die cast aluminium shell and nickel plated aluminium coupling ring, inner nylon clamping system with PVC terminal spring. Available models: 3-pole (XLR3MVPRORD) - 5-pole (XLR5MVPRORD). Colour: red ring. Master pack: 4 pcs.*

XLR3MRC

• *3-pole XLR cable mount right-angled male plug with nickel plated shell and PVC flexible cable outlet. Master pack: 4 pcs.*

XLR3MRCBK

• *3-pole XLR cable mount right-angled male plug with black nickel plated shell and PVC flexible cable outlet. Colour: black. Master pack: 4 pcs*



KXLRCUPBK
KXLRCUPRD
KXLRCUPBL

• *6 colour nylon back-shells for XLRFV/XLRMV series cable mount connectors. Colours: Black (KXLRCUPBK), Red (KXLRCUPRD), Blue (KXLRCUPBL). Master pack: set of 6 pcs.*

KXLR1X4
KXLR1X6
KXLR1X8
KXLR1X12
KXLR1X16
KXLR1X24
KXLR1X32
KXLR1X40
KXLR1X48

• *Numbered nylon rings kit to insert on the XLRFV /XLRMV and XLRFA/ XLRMA series XLR connectors. Master pack: 1 set.*

KXLR8RD
KXLR8BL
KXLR8YE

• *8 colour nylon rings kit to insert on the XLRMV and XLRMA series XLR male plugs and on the XLRFV and XLRFA series XLR female connectors. Master pack: set of 8 pcs.*

PROEL - XLR panel mount female connectors and accessories

XLR3FDL

• *3-pole XLR panel mount solder aluminium female receptacle with latch. Colour: nickel. Master pack: 4 pcs.*

XLR3FDLBK

• *3-pole XLR panel mount solder aluminium female receptacle with latch. Colour: Black. Master pack: 4 pcs.*

XLR5FDL

• *5-pole XLR panel mount solder aluminium female receptacle with latch. Colour: nickel. Master pack: 4 pcs.*

XLR3FP

• *3-pole XLR panel mount aluminium female receptacle with latch. Colour: nickel. Master pack: 4 pcs.*

XLR3FPP

• *3-pole XLR panel mount solder nylon female receptacle. Colour: black. Master pack: 4 pcs.*

DCXLRF

• *XLR panel mount female receptacle plastic caps. Master pack: 8 pcs set, washers included.*

PROEL - XLR panel mount male connectors and accessories

XLR3MDL

• *3-pole XLR panel mount solder aluminium male receptacle. Colour: nickel. Master pack: 4 pcs.*

XLR3MDLBK

• *3-pole XLR panel mount solder aluminium male receptacle. Colour: Black. Master pack: 4 pcs.*

XLR5MDL

• *5-pole XLR panel mount solder aluminium male receptacle. Colour: nickel. Master pack: 4 pcs.*

XLR3MP

• *3-pole XLR panel mount aluminium male receptacle. Colour: nickel. Master pack: 4 pcs.*

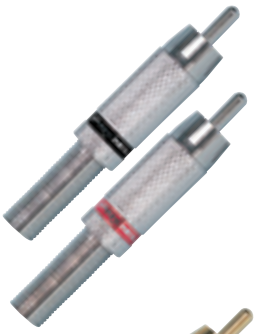
XLR3MPP

• *3-pole XLR panel mount solder nylon male receptacle. Colour: black. Master pack: 4 pcs.*

DCXLRSPKM

• *XLR panel mount male receptacle plastic caps and 2/4-pole SPEAKON connectors. Master pack: 8 pcs set, washers included.*

PROEL - RCA cable mount male connectors



MRCA20BK
MRCA20RD

• *RCA cable mount male plug with nickel plated brass shell and Ø 6.2 mm flexible cable spring. Available colours: black shell ring (MRCA20BK), red shell ring (MRCA20RD). Master pack: 2 pcs.*

MRCA25BK
MRCA25RD

• *RCA cable mount male plug with gold plated contacts, black aluminium shell and Ø 6.2 mm flexible cable spring. Available colours: black shell ring (MRCA25BK), red shell ring (MRCA25RD). Master pack: 2 pcs.*

MRCA30BK
MRCA30RD

• *RCA cable mount male plug with gold plated contacts and shell, Ø 6.2 mm flexible cable spring. Available colours: black shell ring (MRCA30BK), red shell ring (MRCA30RD). Master pack: 2 pcs.*

MRCA35BK
MRCA35RD

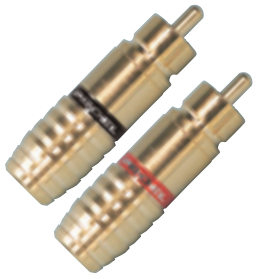
• *RCA cable mount male plug with gold plated contacts, silver plated brass shell and Ø 6.2 mm cable outlet. Available colours: black shell ring (MRCA35BK), red shell ring (MRCA35RD). Master pack: 2 pcs.*

MRCA48BK
MRCA48RD

• *Professional RCA cable mount male plug with gold plated contacts, polished anthracite brass shell and Ø 7.2 mm flexible cable spring. Available colours: black shell ring (MRCA48BK), red shell ring (MRCA48RD). Master pack: 2 pcs.*

MRCA50BK
MRCA50RD

• *Professional RCA cable mount male plug with gold plated contacts, black anodized aluminium shell and Ø 9 mm flexible cable spring. Available colours: black shell ring (MRCA50BK), red shell ring (MRCA50RD). Master pack: 2 pcs.*



MRCA70BK
MRCA70RD

• *Professional RCA cable mount male plug with gold plated contacts and sleeve. Available colours: black shell ring (MRCA70BK), red shell ring (MRCA70RD). Master pack: 2 pcs.*

MRCA75BK
MRCA75RD

• *Professional RCA cable mount male plug with gold plated contacts and shell, Ø 8 mm flexible cable spring. Available colours: black shell ring (MRCA75BK), red shell ring (MRCA75RD). Master pack: 2 pcs.*

MRCA80BK
MRCA80RD

• *Professional RCA cable mount male plug with gold plated contacts, anthracite anodized shell and Ø 10 mm cable outlet. Available colours: black shell ring (MRCA80BK), red shell ring (MRCA8 0RD). Master pack: 2 pcs.*

MRCA95

• *Set of professional RCA cable mount male plugs with gold plated contacts and the exclusive preinsertion signal interruption device to eliminate any buzzing caused by open contacts. Ø 8 mm cable outlet. Colour: red/black. Master pack: 2 pcs. set (1 red - 1 black).*

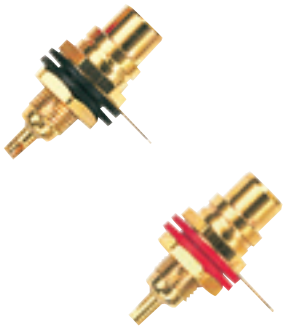
PROEL - RCA cable mount/panel mount female connectors PROEL - ABS adapter

PRCA25BK
PRCA25RD

• *RCA cable mount female socket with gold plated contacts, black aluminium shell and Ø 6.2 mm flexible cable spring. Available colours: black shell ring (PRCA25BK), red shell ring (PRCA25RD). Master pack: 2 pcs.*

PRCA30BK
PRCA30RD

• *RCA cable mount female socket with gold plated contacts and shell, Ø 6.5 mm flexible cable spring. Available colours: black shell ring (PRCA30BK), red shell ring (PRCA30RD). Master pack: 2 pcs.*



FRCA10BK
FRCA10RD

• *RCA panel mount female socket with gold plated contacts and shell. Available colours: black mounting ring (FRCA10BK) and red mounting ring (FRCA10RD). Master pack: 2 pcs.*

FRCA20RD
FRCA20WH

• *RCA panel mount female receptacle with square flange. Gold plated contacts and body, female receptacle electrically insulated from the housing, solder mounting. Insulating ring colour: red (FRCA20RD), white (FRCA20WH). Master pack: 1 pc.*

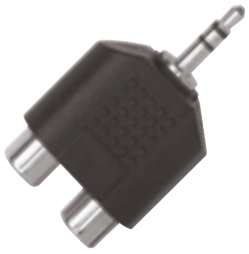
PROEL - ABS adapters

AT100

• *ABS adapter: Ø 6.3 mm mono jack female socket -> Ø 3.5 mm mono jack male plug. Master pack: 5 pcs.*

AT120

• *ABS adapter: Ø 6.3 mm stereo jack female socket -> Ø 3.5 mm stereo jack male plug. Master pack: 5 pcs.*



AT128

• *ABS adapter: n. 2 x RCA female sockets -> Ø 3.5 mm. stereo jack male plug. Master pack: 5 pcs.*

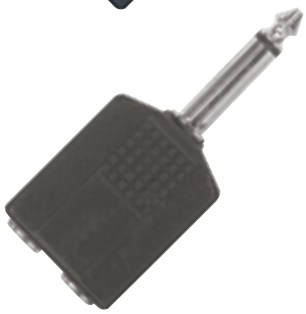
AT140

• *ABS adapter: n. 2 x Ø 3.5 mm stereo jack female sockets -> Ø 3.5 mm stereo jack male plug. Master pack: 5 pcs.*

PROEL - ABS adapter

AT148
• *ABS adapter: n. 2 x Ø 6.3 mm stereo jack female sockets -> Ø 3.5 mm stereo jack male plug. Master pack: 5 pcs.*

AT155
• *ABS adapter: Ø 3.5 mm mono jack female socket -> Ø 6.3 mm mono jack male plug. Master pack: 5 pcs.*



AT160
• *ABS adapter: n. 2 x Ø 6.3 mm mono jack female sockets -> Ø 6.3 mm mono jack male plug. Master pack: 5 pcs.*

AT165
• *ABS adapter: Ø 3.5 mm stereo jack female socket -> Ø 6.3 mm stereo jack male plug. Master pack: 5 pcs.*

AT170
• *ABS adapter: n. 2 x Ø 6.3 mm stereo jack female sockets -> Ø 6.3 mm stereo jack male plug. Master pack: 5 pcs.*

AT180
• *ABS adapter: Ø 6.3 mm mono jack female socket -> RCA male plug. Master pack: 5 pcs.*

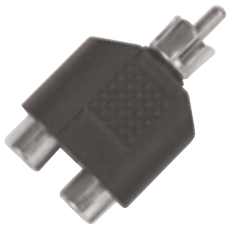
AT190
• *ABS adapter: RCA female socket -> Ø 6.3 mm mono jack male plug. Master pack: 5 pcs.*

AT190M
• *Metal adapter: RCA female socket -> Ø 6.3 mm mono jack male plug. Master pack: 5 pcs.*

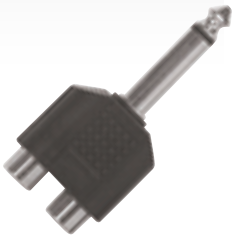
AT210
• *ABS adapter: RCA female socket -> RCA female socket. Master pack: 5 pcs.*

AT215
• *ABS adapter: n. 2 RCA female sockets (gold plated contacts) -> 2 RCA female sockets (gold plated contacts). Master pack: 5 pcs.*

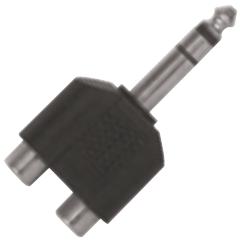
PROEL - ABS adapter
PROEL - Professional metal adapter



AT230
• *ABS adapter: 2 RCA female sockets -> RCA male plug. Master pack: 5 pcs.*



AT240
• *ABS adapter: n. 2 x RCA female sockets -> Ø 6.3 mm mono jack male plug. Master pack: 5 pcs.*



AT250
• *ABS adapter: n. 2 x RCA female sockets -> Ø 6.3 mm stereo jack male plug. Master pack: 5 pz.*

AT815
• *ABS adapter: Ø 2.5 mm Mono jack male plug -> Ø 3.5 mm Stereo jack female socket. Master pack: 5 pcs.*

PROEL - Professional metal adapters

AT210G
• *Professional metal adapter, gold plated contacts: RCA female socket -> RCA female socket. Master pack: 2 pcs.*

AT214G
• *Professional metal adapter, gold plated contacts: 2 RCA female sockets -> RCA right-angled male plug. Master pack: 2 pcs.*

AT260G
• *Professional metal adapter with gold plated contacts: Ø 6.3 mono jack male plug -> Ø 6.3 mm mono jack male plug. Master pack: 4 pcs.*

AT265G
• *Professional metal adapter with gold plated contacts: Ø 6.3 mono jack male plug -> Ø 6.3 mm mono jack male plug.Master pack: 4 pcs.*

AT280
• *Professional metal adapter: Ø 6.3 mono jack female socket -> Ø 6.3 mm mono jack female socket. Master pack: 4 pcs.*

AT290
• *Professional metal adapter: 3-pole XLR female socket -> Ø 6.3 mm mono jack male plug. Master pack: 4 pcs.*

AT295
• *Professional metal adapter: 3-pole XLR female socket -> Ø 6.3 mm stereo jack male plug. Master pack: 4 pcs.*

AT300
• *Professional metal adapter: 3-pole XLR male plug -> Ø 6.3 mm mono jack male plug. Master pack: 4 pcs.*

PROEL - Professional metal adapter

AT305
• *Professional metal adapter: 3-pole XLR male plug -> Ø 6.3 mm stereo jack male plug. Master pack: 4 pcs.*

AT310
• *Professional metal adapter: 3-pole XLR female socket -> Ø 6.3 mm mono jack female socket. Master pack: 4 pcs.*

AT320
• *Professional metal adapter: 3-pole XLR male plug -> Ø 6.3 mm mono jack female socket. Master pack: 4 pcs.*

AT330
• *Professional metal adapter: 3-pole XLR male plug -> 3-pole XLR male plug. Master pack: 4 pcs.*

AT340
• *Professional metal adapter: 3-pole XLR female socket -> 3-pole XLR female socket. Master pack: 4 pcs.*

AT350
• *Professional metal adapter: 3-pole XLR female socket -> 3-pole XLR male plug. Master pack: 4 pcs.*

AT500
• *Professional metal adapter : 3-pole XLR male plug -> RCA female socket. Master pack: 4 pcs.*

AT510
• *Professional metal adapter: 3-pole XLR female socket -> RCA male plug. Master pack: 4 pcs.*

AT520
• *Professional metal adapter: 3-pole XLR female socket -> RCA female socket. Master pack: 4 pcs.*

AT530
• *Professional metal adapter: 3-pole XLR male plug -> RCA male plug. Master pack: 4 pcs.*

AT615
• *Professional metal adapter: Ø 6.3 mm stereo jack female socket with security lock -> 3-pole XLR male plug. Master pack: 4 pcs.*

AT625
• *Professional metal adapter: Ø 6.3 mm stereo jack female socket with security lock -> 3-pole XLR female socket. Master pack: 4 pcs.*

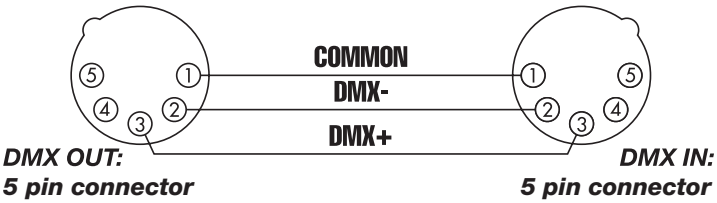
PROEL - Professional metal adapter
PROEL - Banana plug connectors

AT635
• *Professional metal adapter: Ø 6.3 mm stereo jack female socket with security lock -> Ø 6.3 mm stereo jack female socket with security lock. Master pack: 4 pcs.*

PROEL - Professional DMX Metal Adapters

AT350DMX
• *Professional metal adapter for DMX cables: 3-pole XLR female socket -> 5-pole XLR male socket. Master pack: 4 pcs.*

AT355DMX
• *Professional metal adapter for DMX cables: 5-pole XLR female socket -> 3-pole XLR male socket. Master pack: 4 pcs.*

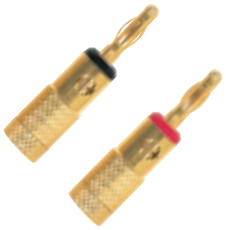


PROEL - BANANA PLUG connectors

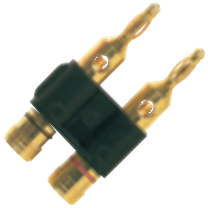
BN100BK
BN100BL
• *Dual banana plug with gold plated contacts. Available colours: black. (BN100BK), blue (BN100BL) Master pack: 4 pcs.*

BN100RD
BN100YE
• *Dual banana plug with gold plated contacts. Available colours: red. (BN100RD), yellow (BN100YE) Master pack: 4 pcs.*

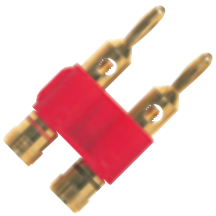
BN200BK
BN200RD
• *Single banana plug with gold plated contacts and protective sleeve. Available colours: black (BN200BK), red (BN200RD). Master pack: 4 pcs*



BN300BK
BN300RD
• *Professional single banana plug with gold plated contacts and shell. Available colours: black (BN300BK), red (BN300RD). Master pack: 2 pcs*



BN350BK
• *Professional dual banana plug with gold plated contacts and terminal screws. Colour: black. Master pack: 2 pcs.*

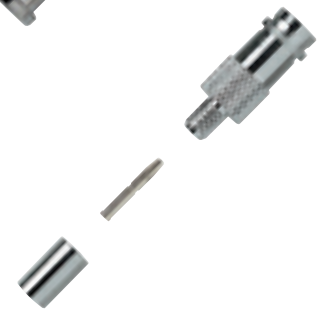


BN350RD
• *Professional dual banana plug with gold plated contacts and terminal screws. Colour: red. Master pack: 2 pcs.*

PROEL - Professional BNC connectors

BNC59MVP
• *Solder BNC cable mount male plug, 75 Ohm, all metal, PVC protective sleeve included. For RG59 cable . Master pack: 2 pcs.*

BNC59MV
• *Crimp BNC cable mount male plug, 75 Ohm, all metal. For RG59 cable. Master pack: 4 pcs.*



BNC59FV
• *Crimp BNC cable mount female socket, 75 Ohm, all metal. For RG59 cable. Master pack: 4 pcs.*

BNC75R
• *BNC male connector resistive terminator, 75 Ohm, all metal. Master pack: 4 pcs.*

BNC59FFP
• *Metal adapter: BNC panel mount female socket -> BNC panel mount female socket. Master pack: 2 pcs.*

BNC59MFRCA
• *Metal adapter: BNC cable mount male plug -> RCA cable mount female socket. Master pack: 2 pcs.*

BNC58MV
• *Crimp BNC cable mount male plug, 50 Ohm, all metal. For RG58 cable. Master pack: 4 pcs.*

BNC174MV
• *Crimp BNC cable mount male plug, 75 Ohm, all metal. For RG174 cable. Master pack: 4 pcs.*

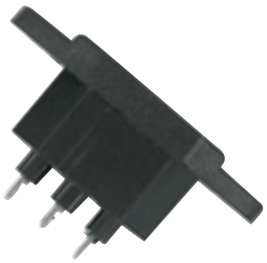
BNC59FPIS
• *Solder BNC panel mount female socket with coupling ring, 75 Ohm, all metal with insulating material. L.: 33.3 mm. Master pack: 4 pcs.*

BNC59FF
• *Metal adapter: BNC cable mount female socket -> BNC cable mount female socket. Master pack: 2 pcs.*

BNC59FMRCA
• *Metal adapter: BNC cable mount female socket -> RCA cable mount male plug. Master pack: 2 pcs.*

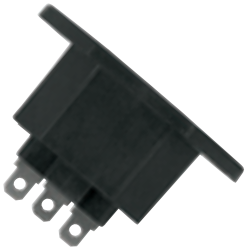
BNC59MMRCA
• *Metal adapter: BNC cable mount male plug -> RCA cable mount male plug. Master pack: 2 pcs.*

PROEL
Electric connectors



AE100
• *3-pole panel mount male plug (EEC CA/250Vca/10A). Master pack: 2 pcs.*

AE105
• *3-pole cable mount male plug (EEC CA/250Vca/10A). Master pack: 2 pcs.*



AE115
• *3-pole panel mount female socket (EEC CA/250Vca/10A). Master pack: 2 pcs.*

AE110
• *3-pole cable mount female socket (EEC CA/250Vca/10A). Master pack: 2 pcs.*