



New products @ ISE 2015



New catalogs EDITION 1.0



PROMO6065

PROMO6063

PROMO6064

Procab is proud to present its brand new catalogs. Besides discovering a lot of new and exciting products you will also notice that the catalog has been split up into 4 different versions: Bulk & Accessories, Basic, Classic and Prime. Although the Prime catalog will not be available yet, you may already order the other 3 models from stock.

The reason for splitting up the larger format catalog has evolved from a customer study. Due to the development of the brand, the catalog was growing each year. Because of this, each series was becoming more complete than ever while many of the Procab users where mostly focussing on one specific series.

Splitting up these series will now enable you and your customers to focus more on the series that suits them the best, while providing a clear separation between all of Procab's product options.

CAB432 POWER CABLE



★★★★★

CONNECTORS

Blue powercon Neutrik NAC3FCA to Schuko power male

CABLE TYPE

3G1.5 - H07RNF

Available in lengths 1.5m, 3m and 5m

PLP150 DMX ADAPTER



★★★★★

CONNECTORS

Neutrik NC3MXX-BAG 3 pole XLR male to Neutrik NC5FXX-BAG 5 pole XLR female

CABLE TYPE

PMX222

PLP155 DMX ADAPTER



★★★★★

CONNECTORS

Neutrik NC3MXX-BAG 3 pole XLR male to Neutrik NC5FXX-BAG 5 pole XLR female

CABLE TYPE

PMX222



PR series TWISTED ASSEMBLING CABLE



PR4x01 : brown - black

The Procab PR series offers a twisted assembling cable in various colors. These cables consist of 2 twisted wires, one wire is black and the other wire can be chosen out of nine colors, based on the resistance color.

Available colors are: brown, red, orange, yellow, green, blue, purple, grey and white.

This cable is very efficient to use when assembling an 19" rack or when there's no space for "bigger" cables. The cable is very reliable for your signal thanks to its highly consistent twisting that reduces the crosstalk between cables.

- INSTALL
- RACK

CROSS SECTION	HIGHLIGHTS	INNER CONDUCTOR
	<ul style="list-style-type: none"> Twisted & separatable wires Different colors for pair identification Reduced crosstalk due to twisting 	



Cable model	PR44	PR46
Type of cable	Twisted assembly cable	Twisted assembly cable
Inner conductor	BC 28 x 0.15 OFC	BC 56 x 0.15 OFC
Inner conductor section	0.5 mm ²	1.0 mm ²
Insulation	PVC Ø 2.2 mm	PVC Ø 2.6 mm
Insulation color	Red / Black / Yellow / Blue / Grey / Brown / Orange / Green / Purple / White	Red / Black / Yellow / Blue / Grey / Brown / Orange / Green / Purple / White
Number of conductors	2	2
Conductor twisting	Yes	Yes
American Wire Gauge	20 AWG	17 AWG

AVAILABLE LENGTHS

100 m plastic reel : PR4401/1, PR4402/1, PR4403/1, PR4404/1, PR4405/1, PR4406/1, PR4407/1, PR4408/1, PR4409/1
 PR4601/1, PR4602/1, PR4603/1, PR4604/1, PR4605/1, PR4606/1, PR4607/1, PR4608/1, PR4609/1



CLS207 - CLS215 - CLS225 - CLS240 2-CORE CONTRACTOR SPEAKER CABLE ★★★★★

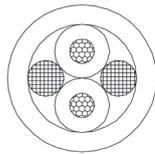


INSTALL

The CLS2xx series are 2-core installation loudspeaker cables featuring a Flamoflex™ outer jacket compliant to the IEC 60332-1 standard regarding fire and flammability resistance in public installations. The Flamoflex™ material is specifically designed with installers convenience in mind, offering a smooth and durable outer jacket for easy installation and pulling.

This series consists of 4 models with individually NHFR isolated conductors in sections from 0.75 mm² (18 AWG) up to 4.0 mm² (11 AWG) which are composed of stranded tinned copper wires. The stranding keeps the cable flexible and easy to handle, while the tinned copper conductor material significantly improves the corrosion and oxidation resistance of the cable, enabling it to be used indoors as well as outside, in humid or marine environments.

CROSS SECTION



HIGHLIGHTS

- Flamoflex™ Installation jacket
- IEC 60332-1 NHFR compliant
- Thin and dense stranded conductors

INNER CONDUCTOR



Cable model	CLS207	CLS215	CLS225	CLS240
Type of cable	2-core NHFR speaker cable	2-core NHFR speaker cable	2-core NHFR speaker cable	2-core NHFR speaker cable
Inner conductor	TC 24 x 0.20 mm	TC 30 x 0.25 mm	TC 50 x 0.25 mm	TC 56 x 0.30 mm
Inner conductor section	0.75 mm ²	1.5 mm ²	2.5 mm ²	4.0 mm ²
Insulation	NHFR	NHFR	NHFR	NHFR
Insulation color	Red / Blue	Red / Blue	Red / Blue	Red / Blue
Number of conductors	2	2	2	2
Conductor twisting	Yes	Yes	Yes	Yes
Filling	NHFR	NHFR	NHFR	NHFR
Outer jacket	NHFR	NHFR	NHFR	NHFR
Outer jacket color	Black	Black	Black	Black
Outer jacket dimensions	Ø 5.8 mm	Ø 6.3 mm	Ø 7.3 mm	Ø 8.6 mm
Lead resistance - 100 m	2.91 Ohm	1.46 Ohm	0.89 Ohm	0.44 Ohm
Dielectric strength	2 kV	2 kV	2 kV	2 kV
American Wire Gauge	18 AWG	16 AWG	13 AWG	11 AWG

MECHANICAL SPECIFICATIONS

Temperature range	fixed installation	- 20°C till + 80°C
	flexible installation	- 15°C till + 60°C
Bending radius	fixed installation	8 x outer diameter
	flexible installation	10 x outer diameter

AVAILABLE LENGTHS

100 m plastic reel : CLS207/1, CLS215/1, CLS225/1, CLS240/1
 300 m wooden reel : CLS207/3, CLS215/3, CLS225/3, CLS240/3



CLS425 - CLS440 4-CORE CONTRACTOR SPEAKER CABLE

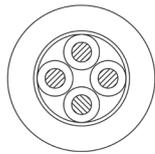


INSTALL

The CLS4xx series are 4-core installation loudspeaker cables featuring a Flamoflex™ outer jacket compliant to the IEC 60332-1 standard regarding fire and flammability resistance in public installations. The Flamoflex™ material is specifically designed with installers convenience in mind, offering a smooth and durable outer jacket for easy installation and pulling.

This series consists of 2 models with individually NHFR isolated conductors in sections of 2,5 mm² (13 AWG) and 4.0 mm² (11 AWG) which are composed of stranded tinned copper wires. The stranding keeps the cable flexible and easy to handle, while the tinned copper conductor material significantly improves the corrosion and oxidation resistance of the cable, enabling it to be used indoors as well as outside, in humid or marine environments.

CROSS SECTION



HIGHLIGHTS

- Flamoflex™ Installation jacket
- IEC 60332-1 NHFR compliant
- Thin and dense stranded conductors
- 4 conductors for 2-channel loudspeaker connection

INNER CONDUCTOR



Cable model	CLS425	CLS440
Type of cable	4-core NHFR speaker cable	4-core NHFR speaker cable
Inner conductor	TC 50 x 0.25 mm	TC 56 x 0.30 mm
Inner conductor section	2.5 mm ²	4.0 mm ²
Insulation	NHFR	NHFR
Insulation color	Red / Black / Blue / Yellow	Red / Black / Blue / Yellow
Number of conductors	4	4
Conductor twisting	Yes	Yes
Separator	cotton paper	cotton paper
Outer jacket	NHFR	NHFR
Outer jacket color	Black	Black
Outer jacket dimensions	Ø 9.5 mm	Ø 12.0 mm
Lead resistance - 100 m	0.89 Ohm	0.44 Ohm
Dielectric strength	2 kV	2 kV
American Wire Gauge	13 AWG	11 AWG

MECHANICAL SPECIFICATIONS

Temperature range	fixed installation	- 20°C till + 80°C
	flexible installation	- 15°C till + 60°C
Bending radius	fixed installation	8 x outer diameter
	flexible installation	10 x outer diameter

AVAILABLE LENGTHS

100 m plastic reel : CLS425/1, CLS440/1



CMC122 - CMC222 CONTRACTOR MICROPHONE CABLE



The CMC122 & CMC222 are high quality microphone cables featuring a Flamoflex™ outer jacket compliant to the IEC 60332-1 standard regarding fire and flammability resistance in public installations. The Flamoflex™ material is specifically designed with installers convenience in mind, offering a smooth and durable outer jacket for easy installation and pulling.

Both versions feature a 22 AWG twisted pair with shielding. The CMC122 consists of solid conductors with aluminum foil shielding and drain wire, which guarantees the highest installer convenience when terminating with connectors. The CMC222 consists of stranded conductors with braided shielding and drain wire, which offers a higher flexibility.

Both versions feature a highly effective shielding with excellent immunity against noise and interference caused by external devices. The tinned copper conductor material significantly improves the corrosion and oxidation resistance of the cable, allowing it to be used indoors as well as in outside, in humid or marine environments.



CROSS SECTION

INSTALL

HIGHLIGHTS

- Flamoflex™ IEC 60332-1 installation jacket
- Solid (CMC122) & stranded (CMC222) conductors
- Double Al-Foil & braided shielding (CMC222)

INNER CONDUCTOR

TINNED COPPER

SHIELDING

TINNED COPPER BRAIDING
CMC222 only

ALUMINUM FOIL

TINNED COPPER DRAIN WIRE

Cable model	CMC122	CMC222
Type of cable	Balanced microphone cable - 22 AWG solid	Balanced microphone cable - 22 AWG stranded
Inner conductor	TC 1 x 0.643 mm	TC 30 x 0.12 mm
Inner conductor section	0.32 mm ²	0,34 mm ²
Insulation	PP Ø 1.0 mm	PE Ø 1.16 mm
Insulation color	White / Red	White / Red
Number of conductors	2	2
Conductor twisting	Yes	Yes
Shielding	Al-mylar TC 1 x 0.643 mm - drain wire	TC 16 x 4 x 0.12 - braiding TC 20 x 0.12 - drain wire
Outer jacket	NHFR	NHFR
Outer jacket color	Black	Black
Outer jacket dimensions	Ø 3.0 mm	Ø 4.0 mm
Lead resistance - 100 m	5.64 Ohm	5.94 Ohm
Dielectric strength	2 kV	2 kV
American Wire Gauge	22 AWG	22 AWG

MECHANICAL SPECIFICATIONS

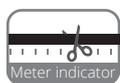
Temperature range	fixed installation	- 20°C till + 70°C
	flexible installation	- 15°C till + 60°C
Bending radius	fixed installation	8 x outer diameter
	flexible installation	10 x outer diameter

AVAILABLE LENGTHS

100 m plastic reel : CMC122/1, CMC124/1



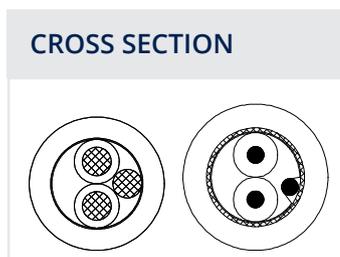
CMC124 - CMC224 CONTRACTOR MICROPHONE CABLE



The CMC124 & CMC224 are high quality microphone cables featuring a Flamoflex™ outer jacket compliant to the IEC 60332-1 standard regarding fire and flammability resistance in public installations. The Flamoflex™ material is specifically designed with installers convenience in mind, offering a smooth and durable outer jacket for easy installation and pulling.

Both versions feature a 24 AWG twisted pair with shielding. The CMC124 consists of solid conductors with aluminum foil shielding and drain wire, which guarantees the highest installer convenience when terminating with connectors. The CMC224 consists of stranded conductors with braided shielding and drain wire, which offers a higher flexibility.

Both versions feature a highly effective shielding with excellent immunity against noise and interference caused by external devices. The tinned copper conductor material significantly improves the corrosion and oxidation resistance of the cable, allowing it to be used indoors as well as in outside, in humid or marine environments.



INSTALL

HIGHLIGHTS	INNER CONDUCTOR	SHIELDING
<ul style="list-style-type: none"> Flamoflex™ IEC 60332-1 installation jacket Solid (CMC124) & stranded (CMC224) conductors Double Al-Foil & braided shielding (CMC224) 	<p>TINNED COPPER</p>	<p>TINNED COPPER BRAIDING CMC224 only ALUMINUM FOIL TINNED COPPER DRAIN WIRE</p>

Cable model	CMC124	CMC224
Type of cable	Balanced microphone cable - 24 AWG solid	Balanced microphone cable - 24 AWG stranded
Inner conductor	TC 1 x 0.511 mm	TC 12 x 0.12 mm
Inner conductor section	0.22 mm ²	0.22 mm ²
Insulation	PP Ø 1.0 mm	PE Ø 1.0 mm
Insulation color	White / Red	White / Red
Number of conductors	2	2
Conductor twisting	Yes	Yes
Shielding	Al-mylar TC 1 x 0.511 mm - drain wire	TC 16 x 4 x 0.12 mm - braiding TC 20 x 0.12 mm - drain wire
Outer jacket	NHFR	NHFR
Outer jacket color	Black	Black
Outer jacket dimensions	Ø 3.0 mm	Ø 3.8 mm
Lead resistance - 100 m	8.93 Ohm	9.42 Ohm
Dielectric strength	2 kV	2 kV
American Wire Gauge	24 AWG	24 AWG

MECHANICAL SPECIFICATIONS

Temperature range	fixed installation	- 20°C till + 70°C
	flexible installation	- 15°C till + 60°C
Bending radius	fixed installation	8 x outer diameter
	flexible installation	10 x outer diameter

AVAILABLE LENGTHS

100 m plastic reel : CMC124/1, CMC224/1



CSB124 - CSB224 STEREO BALANCED SIGNAL CABLE



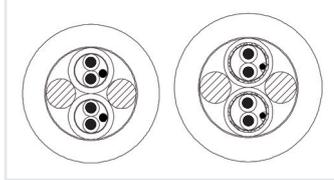
The CSB124 & CSB224 are stereo balanced signal cables featuring a Flamoflex™ outer jacket compliant to the IEC 60332-1 standard regarding fire and flammability resistance in public installations. The Flamoflex™ material is specifically designed with installers convenience in mind, offering a smooth and durable outer jacket for easy installation and pulling.

The two individual jacketed cores are surrounded by an outer jacket which allows stereo balanced signals to be transferred over one single cable. Both different versions versions feature a 24 AWG twisted pair with shielding. The CSB124 consists of solid conductors with aluminum foil shielding and drain wire, which guarantees the highest installer convenience when terminating with connectors. The CSB224 consists of stranded conductors with braided shielding and drain wire, which offers a higher flexibility.

Both versions feature a highly effective shielding with excellent immunity against noise and interference caused by external devices. The tinned copper conductor material significantly improves the corrosion and oxidation resistance of the cable, allowing it to be used indoors as well as in outside, in humid or marine environments.



CROSS SECTION



INSTALL

HIGHLIGHTS

- Flamoflex™ IEC 60332-1 installation jacket
- Solid (CSB124) & stranded (CSB224) conductors
- Double Al-Foil & braided shielding (CCSB224)

INNER CONDUCTOR



SHIELDING



Cable model	CSB124	CSB224
Type of cable	Balanced stereo signal cable - solid	Balanced stereo signal cable - stranded
Inner conductor	TC 1 x 0.511 mm	TC 12 x 0.12 mm
Inner conductor section	0.22 mm ²	0.22 mm ²
Insulation	PP Ø 1.0 mm	PE Ø 1.0 mm
Insulation color	White / Red	White / Red
Number of conductors	2 x 2 pair	2 x 2 pair
Conductor twisting	Yes	Yes
Shielding	Al-mylar TC 1 x 0.511 mm - drain wire	TC 16 x 4 x 0.12 mm - braiding TC 20 x 0.12 mm - drain wire
Inner jacket	NHFR Ø 3.0 mm	NHFR Ø 3.8 mm
Filling	NHFR	NHFR
Separator	Non woven	Non woven
Outer jacket	NHFR	NHFR
Outer jacket color	Black	Black
Outer jacket dimensions	Ø 7.8 mm	Ø 9.8 mm
Lead resistance - 100 m	8.93 Ohm	9.42 Ohm
Dielectric strength	2 kV	2 kV
American Wire Gauge	24 AWG	24 AWG

MECHANICAL SPECIFICATIONS

Temperature range	fixed installation	- 20°C till + 70°C
	flexible installation	- 15°C till + 60°C
Bending radius	fixed installation	8 x outer diameter
	flexible installation	10 x outer diameter

AVAILABLE LENGTHS

100 m plastic reel : CSB124/1, CSB224/1



PCX160 HIGHFLEX COAXIAL VIDEO CABLE

★★★★★



The PCX160 is an RG6/U coaxial video cable specifically designed for digital SDI, HD-SDI and 3G-SDI video transmissions in mobile applications. Its Highflex™ PVC outer jacket in combination with other high-grade materials guarantee a great flexibility, long service life span and accurate signal transmission under all circumstances.

The conductor section of 19 AWG is constructed using 7 strands of high purity copper with a thickness of 0,36 mm, resulting in an overall section of 0,71 mm² surrounded by a foamed polyethylene isolator. The dual braided overall shielding consists of two individual layers with a coverage percentage of 95%, guaranteeing the best possible immunity against noise and interference.

Compatible with **NEUTRIK** BNC connector NBNC75BRU11.



CROSS SECTION

HIGHLIGHTS

- Highflex™ Solid & flexible jacket
- 19 AWG stranded conductor
- Double braided shielding
- Recommend HD distance: 120 meter

INNER CONDUCTOR

BARE COPPER

SHIELDING

TINNED COPPER BRAIDING

- MOBILE
- RENTAL
- STAGE

Type of cable	RG6/U Flexible 75 Ω coaxial video cable
Inner conductor	BC 7 x 0.36 mm
Inner conductor section	0.71 mm ²
Insulation	Foamed PE Ø 4.6 mm
Insulation color	White
Number of conductors	1
Shielding	TC 16 x 12 x 0.12 - braiding
Shielding %	95%
Outer jacket	PVC
Outer jacket color	Black
Outer jacket dimensions	Ø 7.0 mm
Impedance	75 Ohm
Lead resistance - 100 meter	2.74 Ohm
Shield resistance - 100 meter	0.9 Ohm
Lead capacitance @ 1 kHz - meter	53 pF
Voltage resistance	1.5 kV - 1 min
Rated voltage	300 Volt
Velocity of propagation (%)	81 %
American Wire Gauge	19 AWG

MECHANICAL SPECIFICATIONS

Temperature range	fixed installation	- 35°C till + 75°C
	flexible installation	- 20°C till + 60°C
Bending radius	fixed installation	10 x outer diameter
	flexible installation	12 x outer diameter

ATTENUATION SPECIFICATIONS

	5 Mhz	10 Mhz	25 Mhz	100 Mhz	270 Mhz	1 Ghz	1.5 Ghz	3 Ghz	4.5 Ghz
Attenuation (dB/100 ft.)	0.54	0.72	1.18	2.40	4.00	8.20	10.40	15.60	19.81
Attenuation (dB/100 m)	1.772	2.362	3.872	7.874	13.124	26.904	34.122	51.184	64.964

AVAILABLE LENGTHS

100 m plastic reel : PCX160/1



CCX159 - CCX160 CONTRACTOR COAXIAL VIDEO CABLE



The CCX159 & CCX160 are coaxial installation cables featuring a Flamoflex™ outer jacket compliant to the IEC 60332-1 standard regarding fire and flammability resistance in public installations. The Flamoflex™ material is specifically designed with installers convenience in mind, offering a smooth and durable outer jacket for easy installation and pulling. Both versions are designed according the RG59/U (CCX159) and RG6/U (CCX160) standards, each of them featuring a solid high purity copper conductor which is surrounded by polyethylene isolator. The double shielding consisting of an overall aluminum foil surrounded by a braiding offers a high immunity against noise and interference caused by external devices.

The CCX159 and CCX160 cables can be used for a wide variety of installation applications such as CATV and CCTV distribution, analogue video interconnections as well as HDTV digital SDI, HD-SDI and 3G-SDI video transmissions.

Compatible with **NEUTRIK** BNC connector NBNC75BLP7 (CCX159) and NBNC75BTU11 (CCX160).

CROSS SECTION	HIGHLIGHTS	INNER CONDUCTOR	SHIELDING
	<ul style="list-style-type: none"> Flamoflex™ IEC 60332-1 installation jacket Double shielding Recommend HD distance: 80 m (CCX159) & 140 m (CCX160) 		

INSTALL

Cable model	CCX159	CCX160
Type of cable	RG59/U 75 Ω coaxial video cable	RG6/U 75 Ω coaxial video cable
Inner conductor	BC 1 x 0.643 mm	BC 1 x 1.02 mm
Inner conductor section	0.82 mm ²	0.82 mm ²
Insulation	Foamed PE Ø 3.7 mm	Foamed PE Ø 4.57 mm
Insulation color	White	White
Number of conductors	1	1
Shielding	Al-Mylar TC 12 x 5 x 0.10 - braiding	Al-Mylar TC 16 x 9 x 0.12 - braiding
Shielding %	60 %	80 %
Outer jacket	NHFR	NHFR
Outer jacket color	Black	Black
Outer jacket dimensions	Ø 6.0 mm	Ø 7.0 mm
Impedance	75 Ohm	75 Ohm
Lead resistance - 100 m	5.43 Ohm	2.14 Ohm
Shield resistance - 100 m	0.9 Ohm	0.9 Ohm
Lead capacitance @ 1 kHz - meter	53 pF	53 pF
Voltage resistance	0.5 kV - 1 min	1.5 kV - 1 min
Rated voltage	300 Volt	300 Volt
Velocity of propagation (%)	82 %	82 %
American Wire Gauge	22 AWG	18 AWG

MECHANICAL SPECIFICATIONS

Temperature range	fixed installation	- 20°C till + 70°C
	flexible installation	- 15°C till + 60°C
Bending radius	fixed installation	8 x outer diameter
	flexible installation	10 x outer diameter

ATTENUATION SPECIFICATIONS

Attenuation (dB/100 m)	5 Mhz	10 Mhz	25 Mhz	100 Mhz	270 Mhz	1 Ghz	1.5 Ghz	3 Ghz	4.5 Ghz
CCX159	3.019	3.937	5.906	10.926	17.717	34.779	42.653	60.699	74.807
CCX160	1.706	2.33	3.543	6.398	10.4	21.064	26.215	38.65	48.953

AVAILABLE LENGTHS

100 m plastic reel : CCX159/1, CCX160/1

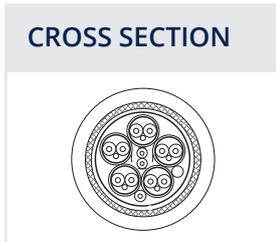


CHD124 CONTRACTOR HIGH SPEED HDMI CABLE WITH ETHERNET



The CHD124 is a high speed HDMI cable with Ethernet, designed for on-site termination with HDM19 connectors. It features a Flamoflex™ outer jacket compliant to the IEC 60332-1 standard regarding fire and flammability resistance in public installations. The Flamoflex™ material is specifically designed with installers convenience in mind, offering a smooth and durable outer jacket for easy installation and pulling. The conductor section of the CHD124 consists of 5 individually shielded pairs with solid 24 AWG conductors for transferring both video and Ethernet data. An additional 26 AWG pair and two separate 26 AWG conductors are used for synchronization between transmitter and receiver. This entire section is additionally covered with a double shielding consisting of an overall aluminum foil surrounded by a braiding. The triple shielding offers a high immunity against noise and interference caused by external devices.

Using the CHD124, high definition video (1080p) can be transferred over distances up to 20 meters. Compatible with Procab connector HDM19 (see page 43) .



HIGHLIGHTS

- Flamoflex™ IEC 60332-1 installation jacket
- High Speed HDMI with Ethernet
- Triple shielding

INNER CONDUCTOR

SHIELDING

INSTALL

		5 pair	1 pair	2 cond.
Conductor	AWG	24 AWG	26 AWG	26 AWG
	Copper	bare	tinned	tinned
	Size	1/0.511	7/0.16	7/0.16
Insulation	Thickness	0.448 mm	0.21 mm	0.21 mm
	Material	FM-PE	HD-PE	HD-PE
	Outer Ø	1.40 mm	0.9 mm	0.9 mm
Drain	Copper	bare	/	/
	Size	1/0.511	/	/
Inner shielding	Coverage	100 %	/	/
	Overlap	25 % min	/	/
Outer shielding	Coverage	100 %		
	Overlap	25 % min		
Drain	Copper	bare		
	Size	1/0.511		
Braid	Material	AL-MG wire		
	Size	16*12/0.12		
Jacket	Thickness	1.20		
	Material	NHFR		
	Color	black		
	Outer Ø	Ø 9.5 mm		

MECHANICAL SPECIFICATIONS

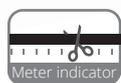
Temperature range	fixed installation	- 20°C till + 80°C
	flexible installation	- 15°C till + 70°C
Bending radius	fixed installation	6 x outer diameter
	flexible installation	8 x outer diameter

AVAILABLE LENGTHS

sold per meter : CHD124
 100 m wooden reel : CHD124/1
 300 m wooden reel : CHD124/3



PCT50SF CAT5E SF/UTP NETWORKING CABLE

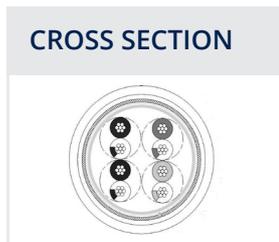


The PCT50SF is a CAT5E networking cable specifically designed for the growing number of digital applications in the professional AV industry. Some typical application examples are interconnections with digital mixing consoles, digital stage boxes, LED video walls, ...

Unlike any other CAT5E cable available on the market, the PCT50SF features Duraflex™ outer jacket constructed using a double-extrusion technique with an polyurethane outer and PVC inner jacket. The polyurethane outer jacket offers an excellent resistance against mechanical wear due to pulling, bending, cracking and UV exposure, while the PVC inner jacket keeps it easy to handle.

The conductor section consists of 4 pairs with stranded 24 AWG conductors which guarantees an optimal signal transmission while the double shielding consisting of an overall aluminum foil surrounded by a braiding offers a high immunity to noise and interference caused by external devices.

Supports 10Base-T, 100Base-TX and 1000Base-T gigabit networks.



HIGHLIGHTS

- Duraflex™ Extremely robust PUR jacket
- 24 AWG stranded conductors
- Double shielding

INNER CONDUCTOR

SHIELDING

- MOBILE
- RENTAL
- STAGE

Type of cable	CAT5E SF/UTP Networking cable
Inner conductor	BC 7 x 0.20 mm
Inner conductor section	0.22 mm²
Insulation	HDPE
Insulation color	Blue / Blue - White / Orange / Orange - White / Green / Green - White / Brown / Brown - White
Number of conductors	8 (4 pairs)
Shielding	Overall Al-Foil Overall tinned copper braid
Shielding %	100% Al-foil / 60% braiding
Inner jacket	PVC Ø 6.9 mm
Outer jacket	PUR
Outer jacket color	Black
Outer jacket dimensions	Ø 8.6 mm
Nom. Mutual capacitance	≤5.6 nF/100m (@1kHz)
Max. delay skew	45 ns/100m
Max. conductor DC resistance	145 Ω/km
Min. insulation resistance	5000 MΩ.km
Rated voltage	300 V
Velocity of propagation (%)	65 %
American Wire Gauge	24 AWG

MECHANICAL SPECIFICATIONS

Temperature range	fixed installation	- 20°C till + 75°C
	flexible installation	- 15°C till + 60°C
Bending radius	fixed installation	8 x outer diameter
	flexible installation	10 x outer diameter

ATTENUATION SPECIFICATIONS

	4 Mhz	8 Mhz	10 Mhz	16 Mhz	20 Mhz	25 Mhz	31.25 Mhz	62.5 Mhz	100 Mhz
Attenuation (dB/100 m)	6	8.5	9.5	12.1	13.5	15.2	17.1	24.8	32

AVAILABLE LENGTHS

100 m plastic reel : PCT50SF/1

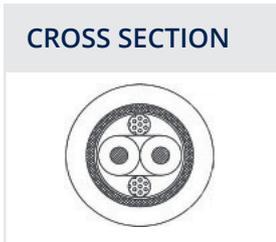


CMX222 CONTRACTOR DMX-AES CABLE



The CMX222 is an 110 Ohm DMX-AES Digital signal cable featuring a Flamoflex™ outer jacket compliant to the IEC 60332-1 standard regarding fire and flammability resistance in public installations. The Flamoflex™ material is specifically designed with installers convenience in mind, offering a smooth and durable outer jacket for easy installation and pulling.

Its 22 AWG (0.34mm²) tinned copper conductor section is surrounded by a double shielding consisting of an aluminum foil and high coverage tinned copper braiding. This ensures an optimal signal transmission with high immunity to noise and interference caused by external devices.



HIGHLIGHTS

- Flamoflex™ IEC 60332-1 installation jacket
- 110Ω Digital signal cable (DMX-AES)
- Double shielding

INNER CONDUCTOR

TINNED COPPER

SHIELDING

TINNED COPPER BRAIDING

ALUMINUM FOIL

INSTALL

Type of cable	110 Ω DMX-AES
Inner conductor	TC 17 x 0.16 mm
Inner conductor section	0.342 mm²
Insulation	Foamed PE Ø 2.0 mm
Insulation color	Red / White
Number of conductors	2
Shielding	Al-Mylar TC 16 x 8 x 0,1 mm - braiding
Outer jacket	NHFR
Outer jacket color	Black
Outer jacket dimensions	Ø 5.5 mm
Characteristic impedance	110 Ohm
Lead resistance - 100 m	5,94 Ohm
Dielectric strength	1.5 kV - 1 min
Impedance	110 Ohm
American Wire Gauge	22 AWG

MECHANICAL SPECIFICATIONS

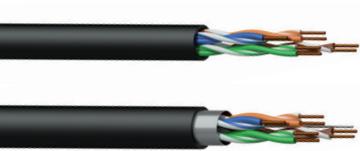
Temperature range	fixed installation	- 20°C till + 70°C
	flexible installation	- 15°C till + 60°C
Bending radius	fixed installation	8 x outer diameter
	flexible installation	10 x outer diameter

AVAILABLE LENGTHS

100 m plastic reel : CMX222/1



CCT50U - CCT50F CONTRACTOR CAT5E U/UTP & F/UTP NETWORKING CABLE



The CCT50 are CAT5E installation networking cables featuring a Flamoflex™ outer jacket compliant to the IEC 60332-1 standard regarding fire and flammability resistance in public installations. The Flamoflex™ material is specifically designed with installers convenience in mind, offering a smooth and durable outer jacket for easy installation and pulling.

The CCT50 cables come in two different versions, with (CCT50F) and without (CCT50U) overall foil shielding. Both conductor sections consist of 4 pair solid 24 AWG conductors guaranteeing an optimal signal transmission. The overall aluminum foil shielding with drain wire of the CCT50F offers improved immunity against noise and interference caused by external devices.

Supports 10Base-T, 100Base-TX and 1000Base-T gigabit networks.

CROSS SECTION

INSTALL

HIGHLIGHTS

- Flamoflex™ IEC 60332-1 installation jacket
- 100 MHz performance, Up to 1000Base-T
- Al-Foil overall shielding (CCT50F)

INNER CONDUCTOR

BARE COPPER

SHIELDING

ALUMINUM FOIL
CCT50F only

Cable model	CCT50U	CCT50F
Type of cable	CAT5 U/UTP Networking cable	CAT5 F/UTP Networking cable
Inner conductor	BC 1 x 0.5 mm	BC 1 x 0.5 mm
Inner conductor section	0.20 mm ²	0.20 mm ²
Insulation	HDPE	HDPE
Insulation color	Blue / Blue - White / Orange / Orange - White / Green / Green - White / Brown / Brown - White	Blue / Blue - White / Orange / Orange - White / Green / Green - White / Brown / Brown - White
Number of conductors	8 (4 pairs)	8 (4 pairs)
Shielding	-	Overall Al-foil
Shielding %	-	100%
Outer jacket	NHFR	NHFR
Outer jacket color	Black	Black
Outer jacket dimensions	Ø 4.8 mm	Ø 6 mm
Nom. Mutual capacitance	≤5.6 nF/100m (@1kHz)	≤5.6 nF/100m (@1kHz)
Max. delay skew	45 ns/100m	45 ns/100m
Max. conductor DC resistance	93.8 Ω/km	93.8 Ω/km
Min. insulation resistance	5000 MΩ.km	5000 MΩ.km
Rated voltage	300 V	300 V
Velocity of propagation (%)	69 %	65 %
American Wire Gauge	24 AWG	24 AWG

MECHANICAL SPECIFICATIONS

Temperature range	fixed installation	- 20°C till + 75°C
Bending radius	fixed installation	8 x outer diameter

ATTENUATION SPECIFICATIONS

Attenuation (dB/100 m)	1 Mhz	4 Mhz	8 Mhz	10 Mhz	16 Mhz	20 Mhz	25 Mhz	31.25 Mhz	62.5 Mhz	100 Mhz
CCT50U	2	4.1	5.8	6.5	8.2	9.2	10.4	11.7	17	22
CCT50F	2	4.1	5.8	6.5	8.2	9.2	10.4	11.7	17	22

AVAILABLE LENGTHS

305 m reel in a box : CCT50U/3, CCT50F/3



CCT60F CONTRACTOR CAT6 F/UTP NETWORKING CABLE



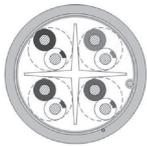
The CCT60F is a CAT6 installation networking cable featuring a Flamoflex™ outer jacket compliant to the IEC 60332-1 standard regarding fire and flammability resistance in public installations. The Flamoflex™ material is specifically designed with installers convenience in mind, offering a smooth and durable outer jacket for easy installation and pulling.

The conductor section of the CCT60F consists of 4 pair with stranded 23 AWG conductors with a plastic + shaped separator in between them. Thanks to this plastic separator, better performance in terms of crosstalk and system noise can be achieved resulting in a higher bandwidth. The conductor section is surrounded by an overall aluminum foil shielding with drain wire. This offers improved immunity against noise and interference caused by external devices.

Supports 10Base-T, 100Base-TX, 1000Base-T and 10GBase-T gigabit networks.



CROSS SECTION



INSTALL

HIGHLIGHTS

- Flamoflex™ IEC 60332-1 installation jacket
- 250 MHz performance, Up to 10GBase-T
- Al-Foil overall shielding

INNER CONDUCTOR



SHIELDING



Type of cable	CAT6 F/UTP Networking cable
Inner conductor	BC 1 x 0.566 mm
Inner conductor section	0.25 mm ²
Insulation	PE
Insulation color	Blue / Blue - White / Orange / Orange - White / Green / Green - White / Brown / Brown - White
Number of conductors	8 (4 pairs)
Shielding	Overall Al-foil
Shielding %	100 %
Outer jacket	NHFR
Outer jacket color	Black
Outer jacket dimensions	Ø 7.2 mm
Nom. Mutual capacitance	≤5.6 nF/100m (@1kHz)
Max. delay skew	45 ns/100m
Max. conductor DC resistance	93.8 Ω/km
Min. insulation resistance	5000 MΩ.km
Rated voltage	300 V
Velocity of propagation (%)	66 %
American Wire Gauge	23 AWG

MECHANICAL SPECIFICATIONS

Temperature range	fixed installation	- 20°C till + 75°C
Bending radius	fixed installation	8 x outer diameter

ATTENUATION SPECIFICATIONS

	4 Mhz	8 Mhz	10 Mhz	16 Mhz	20 Mhz	25 Mhz
Attenuation (dB/100 m)	3.8	5.3	6	7.6	8.5	9.5
	31.25 Mhz	62.5 Mhz	100 MHz	150 MHz	200 MHz	250 Mhz
	10.7	15.4	19.8	24.7	29	32.8

AVAILABLE LENGTHS

305 m reel in a box : CCT60F/3



CCT70S CONTRACTOR CAT7 S/FTP NETWORKING CABLE



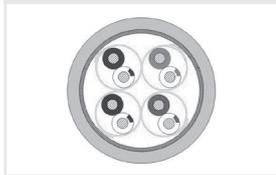
The CCT70S is a CAT7 installation networking cable featuring a Flamoflex™ outer jacket compliant to the IEC 60332-1 standard regarding fire and flammability resistance in public installations. The Flamoflex™ material is specifically designed with installers convenience in mind, offering a smooth and durable outer jacket for easy installation and pulling.

The conductor section of the CCT70S consists of 4 pairs with stranded 23 AWG conductors which are individually shielded by an aluminum foil while the entire section is surrounded by an overall braiding. Due to the double shielding, better performance in terms of crosstalk and system noise is achieved resulting in a higher bandwidth and improved immunity against noise and interference caused by external devices.

Supports 10Base-T, 100Base-TX and 1000Base-T gigabit networks.



CROSS SECTION



HIGHLIGHTS

- Flamoflex™ IEC 60332-1 installation jacket
- 600 MHz performance, Up to 10GBase-T
- Al-foil individual & braided overall shielding

INNER CONDUCTOR



SHIELDING



INSTALL

Type of cable	CAT7 S/FTP Networking cable
Inner conductor	BC 1 x 0.566 mm
Inner conductor section	0.25 mm ²
Insulation	Foam PE
Insulation color	Blue / Blue - White / Orange / Orange - White / Green / Green - White / Brown / Brown - White
Number of conductors	8 (4 pairs)
Shielding	Overall Al-foil Overall tinned copper braid
Shielding %	100 % Al-foil / 40 % braiding
Outer jacket	NHFR
Outer jacket color	Black
Outer jacket dimensions	Ø 7.1 mm
Nom. Mutual capacitance	≤5.6 nF/100m (@1kHz)
Max. delay skew	25 ns/100m
Max. conductor DC resistance	95 Ω/km
Min. insulation resistance	5000 MΩ.km
Rated voltage	300 V
Velocity of propagation (%)	74 %
American Wire Gauge	23 AWG

MECHANICAL SPECIFICATIONS

Temperature range	fixed installation	- 20°C till + 75°C
Bending radius	fixed installation	8 x outer diameter

ATTENUATION SPECIFICATIONS

	4 Mhz	8 Mhz	10 Mhz	16 Mhz	20 Mhz	25 Mhz	31.25 Mhz
Attenuation (dB/100 m)	3.74	5.24	5.86	7.41	8.29	9.29	10.41
	62.5 Mhz	100 MHz	150 MHz	200 MHz	250 Mhz	300 Mhz	600 Mhz
	14.88	19.02	23.56	27.47	30.97	34.19	50.1

AVAILABLE LENGTHS

305 m reel in a box : CCT70S/3