

eurocable



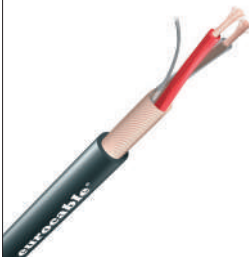

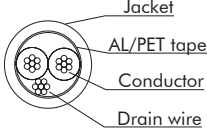
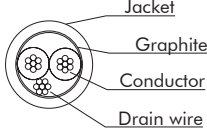
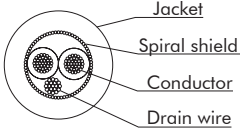
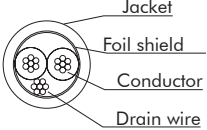


*People and Products
Connecting the World
of Entertainment*

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Wiring Cables

All **eurocable** wiring cables have been specifically designed for fixed installations and to wire up devices within a rack, where signal integrity over long runs and small gauge sizes are particularly important. All the wiring cable range guarantees clean and constant audio signal transmission to ensure natural and realistic sound. Highly efficient shielding from hum, noise and radio interference is guaranteed. They consist of two insulated twisted conductors and drain wire. The new AES/EBU cable has been designed to wire up digital audio devices.

INSTALLATION	INSTALLATION	INSTALLATION	INSTALLATION
JACKET COLOR ■	JACKET COLOR ■	JACKET COLOR ■	JACKET COLOR ■
500 m/1640 feet	200 m/656 feet	200 m/656 feet	200 m/656 feet
ON CARDBOARD REELS	ON CARDBOARD REELS	ON CARDBOARD REELS	ON CARDBOARD REELS
			
CVS LKDD02A	CVS LK02N3	CVS LK02N3R	CVS LK02N2A
			
FLAME RETARDANT: IEC 60332-3 CAT. "C", EN 50363-4	FLAME RETARDANT: EN 50363-4	FLAME RESISTANT: IEC 60332-3 CAT. "C", EN 50266-2	FLAME RESISTANT: IEC 60332-3 CAT. "C", EN 50266-2

ELECTRICAL DATA			
D.C.R. at 20°C	Conductor	94 ohm/km	
	Shield	25 ohm/km	
Capacitance at 1KHz	Cond/Cond	70 pF/m	85 pF/m
	Cond/Sh	170 pF/m	160 pF/m
Nominal Impedance	1 KHz	600 ohm/100m	
Attenuation	1 KHz	0.50 db/100m	
Inductance		<58 μH/100m	
GENERAL DATA			
Cable	O.D.	4.30 mm (± 0.2 mm)	3.70 mm
	Standard reels	200 m	
	Weight Kg/100m	2.20	
	Op. temp.	-20°C/+70°C	
Jacket	Material	PVC TM2	
	Nom. Thick.	0.50 mm	0.65 mm
Shield	Material	Aluminium/PET tape + drain wire	Conductive graphite + drain wire
	Coverage	100%	95%
Conductor	Qty	2	
	Strand	7 x 0.20 mm	30 x 0.10 mm
	Area/AWG	0.22 mm ² /24	
	Insul. O.D.	1.60 mm	1.00 mm
	Material	Electrolytic tinned copper	

Not suitable for applications above 50 volt ac; 75 volt dc.

Microphone Cables/Starquad Cable

eurocable CVS LK02N6E microphone cable consists of two insulated twisted conductors and drain wire, all shielded with a high-density spiral copper. The insulation is made of high-quality polyethylene which does not shrink, nor misshape at high temperatures when soldering.

eurocable CVS LK04N7 starquad features balanced quad structure specifically designed to minimize hum and noise, obtaining the best RF-rejection performances. Suitable for long run applications and where the maximum definition of recorded sound is of critical importance.

MOBILE	INSTALLATION/MOBILE
JACKET COLOR	JACKET COLOR
100 m/328 feet ON CARDBOARD REELS	100 m/328 feet ON CARDBOARD REELS
CVS LK02N6E	CVS LK04N7

CVS LKCode	02N6E	02B6E	02G6E	02R6E	02V6E	02Y6E	CVS LK04N7	
ELECTRICAL DATA								
D.C.R. at 20°C	Conductor							≤ 78 ohm/km
	Shield		≤ 39 ohm/km					
Capacitance	Conductor/Conductor 1 KHz		160 pF/m					25 pF/m
	Conductor/Shield 1 KHz		80 pF/m					80 pF/m
Nominal Impedance	1 KHz		600 ohm/100m					110 ohm/100 m (55 Quad. com.)
Attenuation	1 KHz		0.50 db/100m					3.80 - 6.70 db/100 m
Inductance			< 58 μH/100 m					-
Vel. of Prop.								66%
GENERAL DATA								
Cable	O.D.	6.00 mm					7.00 mm	
	Standard reels						100 m	
	Weight Kg/100m	4.60					6.00	
	Operating temperature	-5°C/+70°C					Installation -20°C/+70°C - Mobile 5°C/+70°C	
Jacket	Material	PVC						
	Color	Black	Blue	Grey	Red	Green	Yellow	Black
	Nominal Thickness	1.80 mm					1.40 mm	
Shield	Material	Bare copper, Spiral shield plus 20 AWG tinned copper drain wire					Tinned copper braid shield plus 24 AWG tinned copper drain wire	
	Coverage	100%					> 90%	
Conductor	Qty	2					4	
	Strand						30 x 0.10 mm	
	Area/AWG						0.22 mm ² /24	
	Insul. O.D.	1.10 mm					1.40 mm	
Material	Bare copper polyethylene insulated					Bare copper foamed polyethylene insulated		

Microphone and Mic Starquad cables with Jacks or 3 pin XLR Neutrik connectors

SIGNAL INTEGRITY

MNJMSSEN

Microphone cable wired with Neutrik silver Jack
Also available with black connectors



MNXESSEN

Microphone cable wired with Neutrik XLR 3 silver/silver
Also available with black connectors



MNXEBGEN

Microphone cable wired with Neutrik XLR 3 black/gold



MNXESSQN

Starquad cable wired with Neutrik XLR 3 silver/silver
Also available with black connectors



MNXEBGQN

Starquad cable wired with Neutrik XLR 3 black/gold



Length (meters): **3 5 10 15**
 Feet Meters

With packaging, no heat shrink
 No packaging, no heat shrink

No packaging, with heat shrink
 With packaging and heat shrink

All products are also available with Amphenol connectors

Not suitable for applications above 50 volt ac; 75 volt dc.

AES/DMX Cables

The **eurocable** digital cables are engineered for connecting digital audio equipment compliant to the standards set by AES/EBU (for audio amplifier) as well as for DMX data transmission in lighting control applications. Featuring 110 ohm nominal impedance and extremely low capacitance.

CVS LKDD2P6DS

Stock in USA, on request in EMEA countries.

MOBILE	MOBILE	MOBILE	INSTALLATION
DIGITAL	DIGITAL	DIGITAL	DIGITAL
JACKET COLOR	JACKET COLOR	JACKET COLOR	JACKET COLOR
100 m/328 feet ON CARDBOARD REELS	100 m/328 feet ON CARDBOARD REELS	305 m/1000 feet ON WOODEN REELS	100 m/328 feet ON CARDBOARD REELS
CVS LKDD02S2	CVS LKDD02S2BL	CVS LKD2P6DS	CVS LKD2N4.5

ELECTRICAL DATA			
D.C.R. at 20°C	Conductor	≤ 94.2 ohm/km	
	Shield	20 ohm/km	
Capacitance 1 KHz	Cond/Cond	70 pF/m	
	Cond/Sh	85 pF/m	
Nominal Imp.	110 ohm/100m		
Attenuation	3-8 MHz	3.70 - 5.90 db/100 m	
Vel. of Prop.	80%		
GENERAL DATA			
Cable	O.D.	6.00 mm	
	Standard reels	100 m	305 m
	Weight Kg/100m	5.00	
	Op. temp.	-20°C/+70°C	
Jacket	Material	PVC	
	Nom. Thick.	1.00 mm	
Shield	Material	Braided electrolytic bare copper shield plus drain wire	
	Coverage	80%	
Conductor	Qty	2	
	Strand	7 x 0.203 mm	
	Area/AWG	0.20 mm ² /24	
	Insul. O.D.	1.6 mm	
	Material	Electrolytic tinned copper flexible conductor	
		Bare copper foamed polyethylene insulated	

Digital cable (O.D. 6mm) with 3 pin XLR Neutrik connectors SIGNAL INTEGRITY

<p>MNXESSDN Black</p> <p>MNXESSDB Blue</p> <p>MNXESSDP Purple</p> <p>Digital double-shield cable wired with Neutrik XLR 3 silver/silver</p> <p>Also available with XLRs 5 poles</p>	<p>MNXEBSDN Black</p> <p>MNXEBSDB Blue</p> <p>MNXEBSDP Purple</p> <p>Digital double-shield cable wired with Neutrik XLR 3 black/silver</p> <p>Also available with XLRs 5 poles</p>	<p>MNXEBGDN Black</p> <p>MNXEBGDB Blue</p> <p>MNXEBGDP Purple</p> <p>Digital double-shield cable wired with Neutrik XLR 3 black/gold</p> <p>Also available with XLRs 5 poles</p>
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Length: **3 5 10 15**

Feet Meters

With packaging, no heat shrink

No packaging, no heat shrink

No packaging, with heat shrink

With packaging and heat shrink

All products are also available with Amphenol connectors

Not suitable for applications above 50 volt ac; 75 volt dc.

Not suitable for applications above 50 volt ac; 75 volt dc.

DMX Cables

eurocable DMX cable range meets the DMX 512-A standard for data transmission in digital mixing control applications, networking of scanners and lighting systems.

All cables have high flexibility and small gauge which is suitable for easy XLR connection.

Available in three different versions and with different colored jackets on request.

The DMX CC cable consists of one Data pair and two voltage supply pairs for transmission of voltage up to 50 V.

INSTALLATION/MOBILE	INSTALLATION/MOBILE	INSTALLATION/MOBILE
JACKET COLOR	JACKET COLOR	JACKET COLOR
200 m/656 feet	200 m/656 feet	200 m/656 feet
ON WOODEN REELS	ON WOODEN REELS	ON WOODEN REELS
CVS LKDMX S	CVS LKDMX D	CVS LKDMXCC
CPR Eca: EN 60332		
FLAME RETARDANT: IEC 60332-1, EN 60332-1	FLAME RESISTANT: IEC 60332-3, EN 60332-1	FLAME RESISTANT: IEC 60332-3, EN 60332-1

ELECTRICAL DATA			
Description		Single pair for DMX 512	Double pair for DMX 512
D.C.R.	Conductor	65 ohm/km	
	Shield	19 ohm/km	14 ohm/km
Capacitance 1 KHz	Conductor/Conductor	40 pF/m	45 pF/m
	Conductor/Shield	90 pF/m	75 pF/m
Nominal Impedance		110 ohm	
Attenuation	256 KHz	2 db/100 m	
Vel. of Prop.		78%	
Inductance		55 µH/100 m	
GENERAL DATA			
Cable	O.D.	5.50 mm	7.80 mm
	Standard reels	200 m	
	Weight Kg/100m	4.20	7.50
	Operation temperature	-20° C/+70° C	
Jacket	Material	PVC flame resistant	
	Nominal Thickness	0.85 mm	1.75 mm
Shield	Material	First: Aluminium - Mylar foil Second: Tinned copper braid	First: Aluminium - Mylar foil
	Coverage	First: 100% - Second: 75%	100%
Conductor	Quantity	2	2 + 2
	Strand	7 x 0.20 mm	
	Area/AWG	0.22 mm ² /24	
	Insulation O.D.	1.60 mm	
	Material	Annealed tinned copper foamed polyethylene insulated	
		Data: 1 - Power: 2	Data: 7 x 0.20 - Power: 43 x 0.25 mm
		Data: 0.22 mm ² /24	Data: 2 mm ² /14
		Data: 1.60 mm - Power: 2.70 mm	Data: Tinned copper PE. insulated
			Power: Tinned copper PVC insulated

DMX cables with 3, 4 and 5 pin XLR connectors

SIGNAL INTEGRITY

DNX3ESSS

DMX single pair cable wired with Neutrik XLR 3p silver/silver



DNX3EBSS

DMX single pair cable wired with Neutrik 3p black/silver



DNX5ESSS

DMX double pair wired with Neutrik XLR 5p silver/silver



DNX5ESSD

DMX double pair cable wired with Neutrik 5p silver/silver



DNX4ESSC

DMX single pair with 2x2mm² power wired with Neutrik 4p silver/silver



Not suitable for applications above 50 volt ac, 75 volt dc.

Length (meters): **3 5 10 15**
 Feet Meters


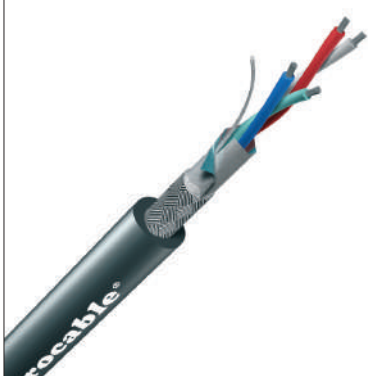
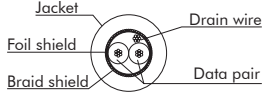

With packaging, no heat shrink
 No packaging, no heat shrink

No packaging, with heat shrink
 With packaging and heat shrink

All products are also available with Amphenol connectors


DMX PUR Jacket

A new polyurethane sheath protects our DMX S Single pair and DMX D Double pair cables from critical conditions. Flexible & extra strong it has been built to be the most durable jacketed cable. **eurocable** DMX cable range meets the DMX 512-A standard for data transmission in lighting control applications. All cables have high flexibility and small gauge which is suitable for easy XLR connection.


MOBILE	MOBILE
JACKET COLOR ■	JACKET COLOR ■
200 m/656 ft ON CARDBOARD REELS	200 m/656 ft ON CARDBOARD REELS
	
CVS LKDMX S PUR	CVS LKDMX D PUR
	
HALOGEN FREE	HALOGEN FREE
FLAME RETARDANT: IEC 60754-1, IEC 61034-1, IEC 60332-1, EN 50267-2-1, EN 50268-2-1, EN 50265-2-1	FLAME RETARDANT: IEC 60754-1, IEC 61034-1, IEC 60332-1, EN 50267-2-1, EN 50268-2-1, EN 50265-2-1

ELECTRICAL DATA			
Description		Single pair for DMX 512	Double pair for DMX 512
D.C.R.	Conductor	65 ohm/km	65 ohm/km
	Shield	19 ohm/km	14 ohm/km
Capacitance	Conductor/Conductor	40 pF/m	45 pF/m
	Conductor/Shield	90 pF/m	75 pF/m
Nominal Impedance		110 ohm	110 ohm
Attenuation	256 KHz	2 db/100 m	2 db/100 m
Vel. of Prop.		78%	80%
Inductance		55 μH/100 m	55 μH/100 m
GENERAL DATA			
Cable	O.D.	5.50 mm	7.90 mm
	Weight Kg/100m	3.20	6.80
	Operating temperature	-20°C/+70°C	
Jacket	Material	LSZH PUR	
	Nominal Thickness	0.85 mm	1.75 mm
Shield	Material	First: Aluminium - Mylar foil / Second: Tinned copper braid	
	Coverage	First: 100% - Second: 75%	
Conductor	Quantity	2	2+2
	Strand	7 x 0.20 mm	7 x 0.20 mm
	Area/AWG	0.22 mm ² /24	0.22 mm ² /24
	Insulation O.D.	1.60 mm	1.60 mm
	Material	Annealed tinned copper foamed polyethylene insulated	

DMX PUR cables with 3 and 5 pin XLR connectors **SIGNAL INTEGRITY**

DNX3ESSSP 


DMX single pair cable wired with Neutrik XLR 3p silver/silver



DNX3EBSSP 

DMX single pair cable wired with Neutrik 3p black/silver






DNX5ESSSP 

DMX double pair wired with Neutrik XLR 5p silver/silver



DNX5ESSDP 

DMX double pair cable wired with Neutrik 5p silver/silver



* Length (meters): **3 5 10 15**
□ With packaging, no heat shrink
 □ No packaging, with heat shrink

■ Feet
 ■ Meters
 □ No packaging, no heat shrink
 □ With packaging and heat shrink

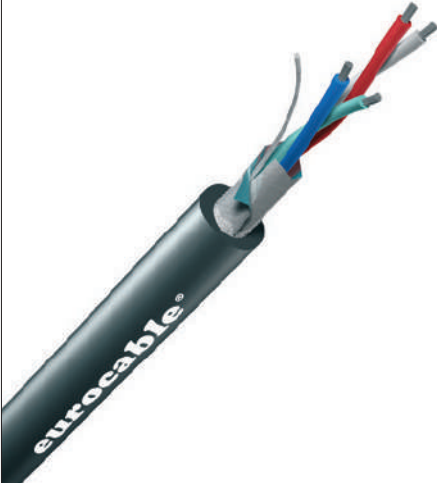

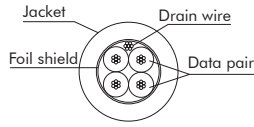
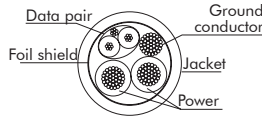
All products are also available with Amphenol connectors

Not suitable for applications above 50 volt ac; 75 volt dc.

DMX Cables for Special Applications

eurocable CVS LKDMX D L cable meets the DMX 512-A standard for data transmission in lighting control applications. The 20 AWG conductors guarantee no signal degradation for long-distance applications required for fixed installations.

eurocable CVS LKDMX CC UV PROOF cable consists of one Data pair and two voltage supply pairs for transmission of voltage up to 50 V. The special tough jacket in PUR UV Proof up has been specifically designed for outdoor use in extreme weather condition.

MOBILE	
JACKET COLOR ■	
	
CVS LKDMX D L *	CVS LKDMXCC PUR-UV ML43
	
FLAME RETARDANT: IEC 60754-1, IEC 61034-1, IEC 60332-1, EN 50267-2-1, EN 50268-2-1, EN 50265-2-1	FLAME RETARDANT: IEC 60332-1, EN 60332-1

ELECTRICAL DATA			
Description		Double pair for DMX 512	DMX 512 w/color change power supply
D.C.R.	Conductor	32.5 ohm/km	Data: 150 ohm/km - Power: 8.96 ohm/Km
Capacitance	Conductor/Conductor	45 pF/m	30 pF/m
	Conductor/Shield	80 pF/m	70 pF/m
Nominal Impedance		110 ohm	
Attenuation	1 KHz	2 db/100 m	
Vel. of Prop.		80%	
Inductance		60 μH/100 m	
GENERAL DATA			
Cable	O.D.	8.30 mm	7.50 mm
	Standard reels	500 m	
	Operating temperature	-20°C/+70°C	-40°C/+80°C
Jacket	Material	PVC Flame Retardant	TPU UV Proof
	Nominal Thickness	1.75 mm	0.70 mm
Shield	Material	Aluminium - Mylar foil	
	Coverage	100%	
Conductor	Quantity	2+2	2 Data conductors + 2 Power conductors
	Strand	19 x 0.20 mm	Data: 19 x 0.10 mm - Power: 43 x 0.254 mm
	Area/AWG	0.5 mm ² /20	Data: 0.15 mm ² /26 - Power: 2 mm ² /14
	Insulation O.D.	2.00 mm	Data: 1.6 mm - Power: 2.7 mm
	Material	Annealed tinned copper foamed polyethylene insulated	Tinned copper

Not suitable for applications above 50 volt ac; 75 volt dc.


*on request

Musical Instrument Cable

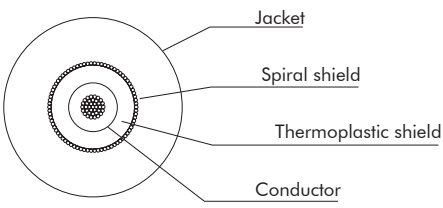
eurocable single conductor cable mainly used for the connection of guitars and musical instruments pickups.

This cable gives superior performance with its special double shield (thermoplastic and spiral copper shield) that provides excellent insulation even from noise caused by the shield rubbing against the dielectric (microphone effect), at the same time preserving flexibility and high-temperature resistance. The robust cable design ensures optimal performances on live stage applications.

MOBILE	
JACKET COLOR	■
100 m/328 feet ON CARDBOARD REELS	



CVS LK01N6S2



ELECTRICAL DATA		
D.C.R. at 20°C	Conductor	≤ 78 ohm/km
	Shield	≤ 50 ohm/km
Capacitance	Conductor/Conductor 1 KHz	-
	Conductor/Shield 1 KHz	130 pF/m
Nominal Impedance	1 KHz	360 ohm/100m
Attenuation	1 KHz	0.25 db/100m
Inductance		< 16 μH/100m
GENERAL DATA		
Cable	O.D.	6.00 mm
	Standard reels	100 m
	Weight Kg/100m	3.50
	Operating temperature	-5°C/+70°C
Jacket	Material	PVC
	Nominal Thickness	1.70 mm
Shield (double)	Material	First: Conductive graphite - Second: Spiral bare copper shield
	Coverage	First: 100% - Second: 95%
Conductor	Qty	1
	Strand	30 x 0.10 mm
	Area/AWG	0.22 mm ² /24
	Insul. O.D.	1.70 mm
	Material	Bare copper polyethylene insulated

Instrumental double shielded cable with Neutrik Jacks

INJMSSSN * * □

Instrumental cable wired with Neutrik silver Jack



INJMBSSN * * □

Instrumental cable wired with Neutrik black Jack



SIGNAL INTEGRITY



* Length (meters): **3 5 10 15**
 □ Feet ■ Meters

□ With packaging, no heat shrink
 ■ No packaging, no heat shrink

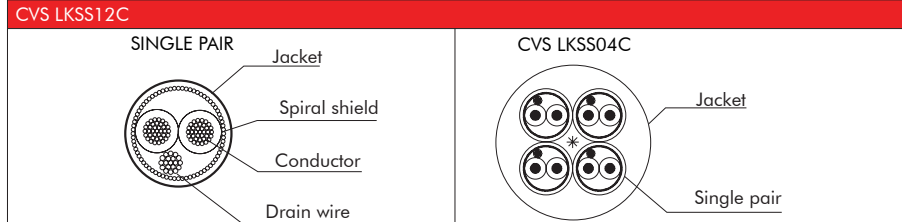
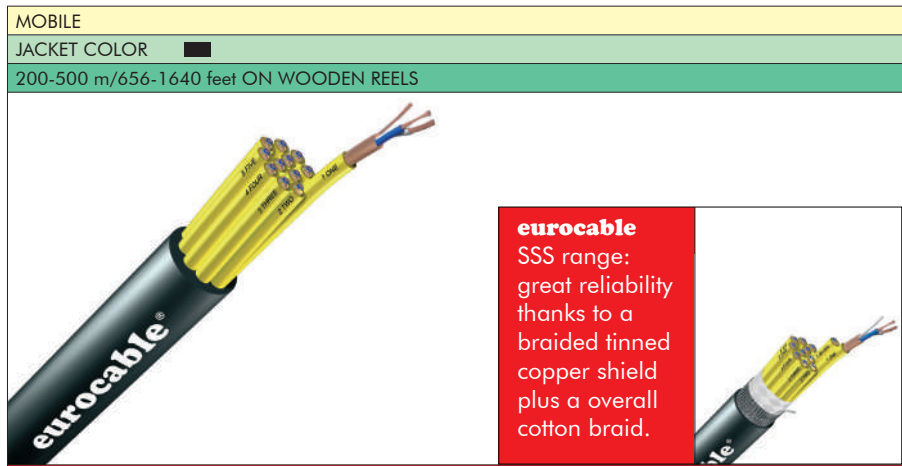
□ No packaging, with heat shrink
 ■ With packaging and heat shrink

All products are also available with Amphenol connectors

Not suitable for applications above 50 volt ac; 75 volt dc.

SS Spiral Copper Shield Multipair

eurocable SS series key features are high flexibility and long flex life. Thanks to these properties SS is one of the most popular cables for critical outdoor use applications. The external jacket is extra flexible PVC ensures anti-treading and anti-abrasion features. The XLPE conductor insulation, featuring a low dielectric-constant for low capacitance, is particularly resistant to high temperatures thus avoiding jacket shrinkage when soldering the conductor. This particular construction is ideal for continuous winding and unwinding, its use with HD series cable reels is although recommended. All pairs are individually shielded, twisted and identified by numbers and letters printed on the internal yellow jackets. Available on request from 20 to 48 pairs.



CVS LKSSCode	02C	04C	08C	12C	16C	20C*	24C*	28C*	32C*	40C*	48C*	
ELECTRICAL DATA												
D.C.R. at 20°C	Conductor					85 ohm/km						
	Shield					40 ohm/km						
Capacitance	Conductor/Conductor 1 KHz					100 pF/m						
	Conductor/Shield 1 KHz					180 pF/m						
Nominal Impedance 1 KHz		530 ohm/100 m										
Attenuation 1 KHz		0.20 db/100 m										
Induttance		70 μH/100 m										
GENERAL DATA												
Pairs cable		2	4	8	12	16	20	24	28	32	40	48
Cable	O.D.	8.0 mm	9.6 mm	12.8 mm	14.9 mm	16.9 mm	18.9 mm	20.3 mm	21.6 mm	23.2 mm	25.4 mm	27.8 mm
	Standard reels	500 m					200 m					
	Weight Kg/100m	10.30	15.40	27.00	36.80	46.30	60.50	67.90	73.60	86.80	106.70	123.20
	Operating temperature	-20° C/+70° C										
Jacket	Material	PVC										
	Nominal Thickness	1.25 mm	1.50 mm	1.75 mm	1.85 mm	2.05 mm			2.25 mm	2.45 mm		
Shield	Material	Bare copper, Spiral shield plus 24 AWG tinned copper drain wire										
	Coverage	> 95%										
Conductor	Qty	2 x 2	4 x 2	8 x 2	12 x 2	16 x 2	20 x 2	24 x 2	28 x 2	32 x 2	40 x 2	48 x 2
	Strand	28 x 0.10 mm										
	Area/AWG	0.22 mm ² /24										
	Insul. O.D.	1.00 mm										
	Material	Annealed bare copper. XLPE insulated										

* on request

Snakes, Fan-in and Fan-out

For further information and configurations, see pages 32-33



SNK 16 S * M R



Fan out **FNT 20X4 S P * M F3 R**

Fan in **FNN 20X4 S P * M F3**

* Length Feet M Meters

Not suitable for applications above 50 volt ac, 75 volt dc.

SSAD AES/EBU Aluminium Foil Shield Multipair

The **eurocable** SSAD multipair digital cables are designed for digital audio equipment and compliant to the standards set by AES/EBU. Featuring 110 ohm nominal impedance, extremely low capacitance, these cables are suitable for carrying multiple high quality digital audio signals in both fixed and outdoor applications. All pairs are individually shielded, twisted, and held together by a holding tape and identified by numbers and letters. SSAD multipair is available from 2 to 16 pairs, and from 24 to 48 pairs on request.

INSTALLATION/MOBILE	
DIGITAL	
JACKET COLOR	
200-500 m/656-1640 feet ON WOODEN REELS	

The digital multipair range is also available on request with LSZH jacket (HFSSAD).

CVS LKSSAD12C	
SINGLE PAIR 	CVS LKSSAD04C

CPR Eca: EN 60332		02C	04C	08C	12C	16C	24C*	32C*	48C*	
ELECTRICAL DATA										
D.C.R. at 20°C	Conductor	< 143 ohm/km								
	Shield	< 40 ohm/km								
Capacitance	Conductor/Conductor 1 KHz	50 pF/m								
	Conductor/Shield 1 KHz	100 pF/m								
Nominal Impedance 3 - 8 MHz		110 ohm/100 m								
Attenuation 3 - 8 MHz		7 - 10 db/100 m								
Vel. of Prop.		80%								
GENERAL DATA										
Pairs cable		2	4	8	12	16	24	32	48	
Cable	O.D.	8.80 mm	10.30 mm	12.90 mm	15.40 mm	17.40 mm	22.20 mm	25.50 mm	30.80 mm	
	Standard reels	500 m						200 m		
	Weight Kg/100m	8.50	12.00	18.00	25.00	32.50	48.20	61.70	88.30	
	Operating temperature	-20°C/+70°C								
Jacket	Material	PVC								
	Nominal Thickness	1.20 mm	1.30 mm			1.45 mm	1.65 mm	1.75 mm	1.90 mm	
Shield	Material	Aluminium - Mylar foil, Shield plus tinned copper drain wire								
	Coverage	100%								
Conductor	Qty	2 x 2	4 x 2	8 x 2	12 x 2	16 x 2	24 x 2	32 x 2	48 x 2	
	Strand	7 x 0.16 mm								
	Area/AWG	0.14 mm ² /26								
	Insul. O.D.	1.20 mm								
	Material	Annealed tinned copper cellular polyolefine insulated								

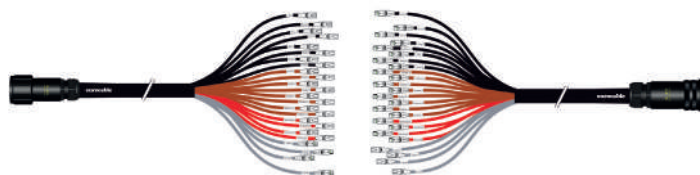
* on request

Snakes, Fan-in and Fan-out

For further information and configurations, see pages 32-33



SNK 16 D * M R



Fan out **FNT 20X4 D B * M F3 R**

Fan in **FNN 20X4 D B * M F3**


* Length Feet M Meters

Not suitable for applications above 50 volt ac, 75 volt dc.

SSAD AES/EBU 24 AWG Aluminium Foil Shield Multipair

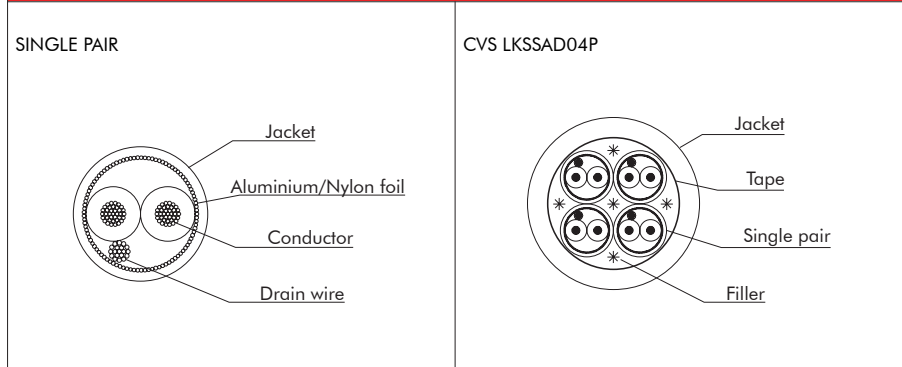
The **eurocable** SSAD 24AWG multipair digital cables have a PURPLE outer jacket. Designed for digital audio equipment and compliant to the standards set by AES/EBU, this cable features 110 ohm nominal impedance and extremely low capacitance. These cables are suitable for carrying multiple high quality digital audio signals in both fixed and outdoor applications. All pairs are individually shielded, twisted, and held together by a holding tape and identified by numbers and letters. SSAD AES/EBU 24 AWG multipair is available in 4, 8 and 12 pairs.

Stock in USA, on request in EMEA countries.

INSTALLATION/MOBILE
DIGITAL
JACKET COLOR 
305 m/1000 feet ON WOODEN REELS



CVS LKSSAD12P

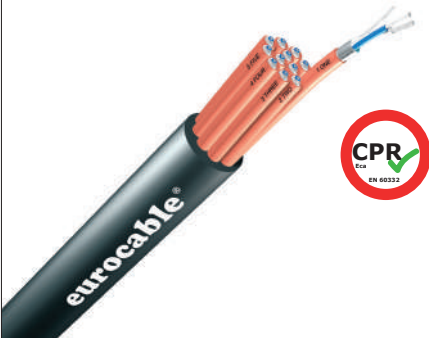
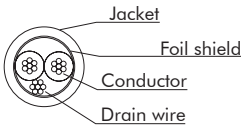
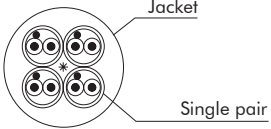


CVS LKSSADCode	04P	08P	12P	
ELECTRICAL DATA				
D.C.R. at 20°C	Conductor	< 95 ohm/km		
	Shield	< 40 ohm/km		
Capacitance	Conductor/Conductor 1 KHz	50 pF/m		
	Conductor/Shield 1 KHz	100 pF/m		
Nominal Impedance	3 - 8 MHz	110 ohm/100 m		
Attenuation	3 - 8 MHz	7 - 10 db/100 m		
Vel. of Prop.		80%		
GENERAL DATA				
Pairs cable	4	8	12	
Cable	O.D.	11.50 mm	14.60 mm	17.60 mm
	Standard reels	305 m/1000 ft		
	Weight Kg/100m	12.00	18.00	25.00
	Operating temperature	-20°C/+70°C		
Jacket	Material	PVC		
	Nominal Thickness	1.30 mm		
Shield	Material	Aluminium - polyester tape plus tinned copper drain wire (7 x 0.20 mm)		
	Coverage	100%		
Conductor	Qty	4 x 2	8 x 2	12 x 2
	Strand	7 x 0.20 mm		
	Area/AWG	0.20 mm ² /24		
	Insul. O.D.	1.45 mm		
	Material	Annealed tinned copper cellular polyolefine insulated		

Not suitable for applications above 50 volt ac; 75 volt d.c.

SSA Aluminium Foil Shield Multipair

eurocable SSA construction consists of individual pairs enclosed in an aluminum/mylar foil shield with drain wire inside the foil for easier installation. All pairs are individually shielded, twisted and identified by numbers and letters. The external jacket in extra flexible PVC ensures anti-treading and anti-abrasion features. The use with HD series cable reels is recommended. Available on request from 2 to 16 pairs, and from 20 to 64 pairs on request.

INSTALLATION/MOBILE	
JACKET COLOR ████	
200-500 m/656-1640 feet ON WOODEN REELS	
	
CVS LKSSA12C	
SINGLE PAIR 	CVS LKSSA04C 
CPR Eca: EN 60332	
FLAME RESISTANT: IEC 60332-3 CAT. "C", EN 50266-2	

CVS LKSSACode	02C	04C	08C	12C	16C	20C*	24C	28C	32C*	40C	48C*	56C*	64C*	
ELECTRICAL DATA														
D.C.R. at 20°C	Conductor	< 90 ohm/km												
	Shield	< 40 ohm/km												
Capacitance	Conductor/Conductor 1 KHz	140 pF/m												
	Conductor/Shield 1 KHz	250 pF/m												
Nominal Impedance 1 KHz	440 ohm/100 m													
Attenuation 1 KHz	0.24 db/100 m													
Inductance	80 μH/100 m													
GENERAL DATA														
Pairs cable	2	4	8	12	16	20	24	28	32	40	48	56	64	
Cable	O.D. mm	7.20	9.50	11.60	14.40	16.60	17.80	19.00	21.50	22.70	24.50	27.30	27.70	29.90
	Standard reels	500 m					200 m							
	Weight Kg/100m	9.00	12.50	21.00	27.70	38.50	46.60	53.60	64.80	71.80	86.00	97.50	111.72	128.04
	Operating temperature	-20°C/+70°C												
Jacket	Material	PVC flame resistant												
	Nominal Thickness	1.20	1.40	1.50	1.70	2.00	1.50	2.00	2.10	2.20	2.30	2.50		
Shield	Material	Aluminium / Mylar foil, Shield plus 24 AWG drain wire												
	Coverage	100%												
Conductor	Qty	2 x 2	4 x 2	8 x 2	12 x 2	16 x 2	20 x 2	24 x 2	28 x 2	32 x 2	40 x 2	48 x 2	56 x 2	64 x 2
	Strand	7 x 0.20 mm												
	Area/AWG	0.22 mm ² /24												
	Insul. O.D.	1.05 mm												
	Material	Annealed bare copper. XLPE insulated.												

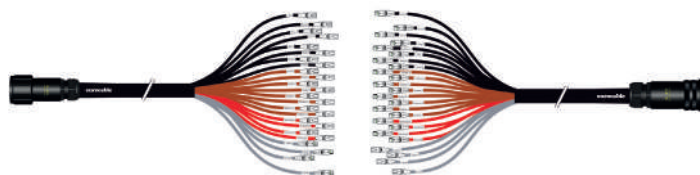
* on request

Snakes, Fan-in and Fan-out

For further information and configurations, see pages 32-33



SNK 16 A * M R



Fan out **FNT 20X4 A B * M F3 R**

Fan in **FNN 20X4 A B * M F3**

* Length Feet M Meters

Not suitable for applications above 50 volt ac; 75 volt d.c.

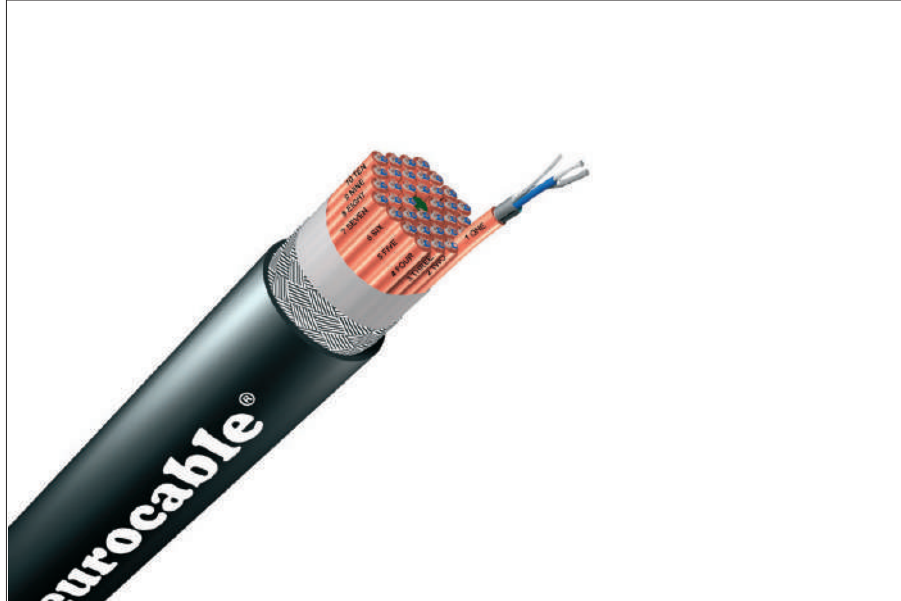
SSAS Overall Shield Multipair

eurocable SSAS construction consists of individual pairs enclosed in an aluminum/mylar foil shield with drain wire inside the foil for easier installation.

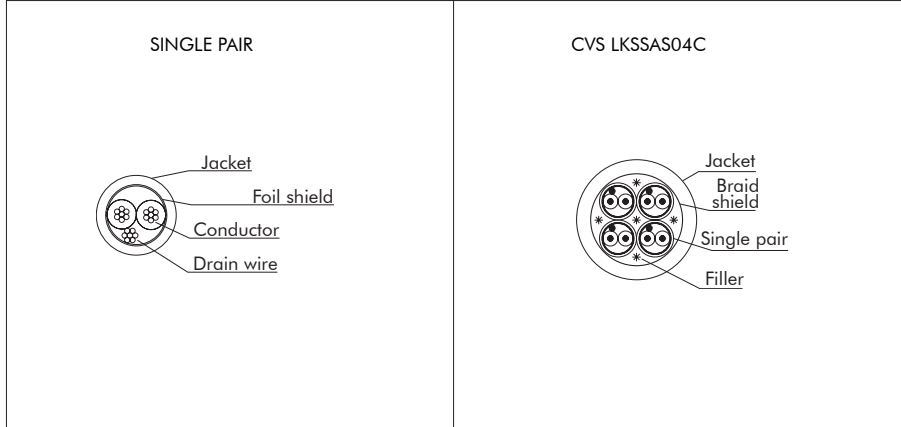
All pairs are individually shielded, twisted and identified by numbers and letters and then are enclosed in an overall braid tinned copper shield. This particular construction is ideal for continuous winding and unwinding, its use with HD series cable reels is although recommended.

Available on request from 2 to 48 pairs.

INSTALLATION/MOBILE
DIGITAL
JACKET COLOR
200-500 m/656-1640 feet ON WOODEN REELS



CVS LKSSAS32C



CVS LKSSASCode	02C*	04C*	08C*	12C*	16C*	24C*	28C*	32C*	36C*	48C*	
ELECTRICAL DATA											
D.C.R. at 20°C	Conductor	< 90 ohm/km									
	Shield	< 40 ohm/km									
Capacitance	Conductor/Conductor 1 KHz	140 pF/m									
	Conductor/Shield 1 KHz	250 pF/m									
Nominal Impedance	1 KHz	440 ohm/100 m									
Attenuation	1 KHz	0.24 db/100 m									
Inductance		80 μH/100 m									
GENERAL DATA											
Pairs cable	2	4	8	12	16	24	28	32	36	48	
Cable	O.D.	8.30 mm	10.10 mm	13.00 mm	15.50 mm	18.10 mm	21.10 mm	22.40 mm	22.60 mm	23.90 mm	28.20 mm
	Standard reels	500 m					200 m				
	Weight Kg/100m	9.30	13.40	22.60	30.40	43.20	58.10	67.50	72.20	84.50	100.60
	Operating temperature	-20°C/+70°C									
Jacket	Material	PVC									
	Nominal Thickness	1.20 mm	1.40 mm	1.55 mm	1.60 mm	2.00 mm			2.20 mm		
Shield	Material	Annealed tinned copper braid									
	Coverage	80%									
Conductor	Qty	2 x 2	4 x 2	8 x 2	12 x 2	16 x 2	24 x 2	28 x 2	32 x 2	36 x 2	48 x 2
	Strand	7 x 0.20 mm									
	Area/AWG	0.22 mm ² /24									
	O.D.	2.80 mm									
	Material	Annealed tinned copper braid PVC insulated									

Not suitable for applications above 50 volt ac; 75 volt dc.

*on request

Speaker Cables

Choosing high-quality speaker cable is very important. It ensures that all the information transmitted by the source is accurately and completely transmitted to the loudspeakers.

All **eurocable** speaker cables have been specifically designed for that. They are well-known for their extreme flexibility due to the very high strand count of individual conductors.

The jacket is resistant PVC ensures optimal performance in critical outdoor applications

MOBILE	MOBILE	INSTALLATION
JACKET COLOR	JACKET COLOR	JACKET COLOR
100 m/328 feet	100 m/328 feet	100 m/328 feet
ON CARDBOARD REELS	ON CARDBOARD REELS	ON CARDBOARD REELS
TWINAXIAL	TWINAXIAL	PARALLEL
CPR Eca: EN 60332 FLAME RESISTANT: IEC 60332-3 CAT. "C", EN 50266-2		FLAME RESISTANT: IEC 60332-3 CAT. "C", EN 50266-2

CVS LKCode	O2N15	O2N25	O2N40	O2N15E	O2N25E	O2N15P	O2N25P	
GENERAL DATA								
Cable	O.D.	8.00 mm	9.20 mm	11.50 mm	7.40 mm(± 0.2 mm)	8.60 mm(± 0.2 mm)	3.50 x 7.40 mm	4.00 x 8.40 mm
	Standard reels	100 m						
	Weight Kg/100m	9.60	14.30	20.50	9.60	14.30	5.50	7.90
Operating temperature		+5°C/+70°C			-20°C/+70°C			
Jacket	Material	PVC flame resistant			PVC TM2		PVC flame resistant	
	Nominal Thickness	1.20 mm	1.00 mm	1.50 mm	1.20 mm	1.00 mm	≥ 1.00 mm	0.70 mm
Conductor	D.C.R. [ohm/km] at 20° C	13	8	5	13	8	13	8
	Quantity	2						
	Strand	48 x 0.2 mm	80 x 0.2 mm	128 x 0.2 mm	48 x 0.2 mm	80 x 0.2 mm	48 x 0.2 mm	80 x 0.2 mm
	Area/AWG	1.5 mm²/16	2.5 mm²/13	4.0 mm²/11	1.5 mm²/16	2.5 mm²/13	1.5 mm²/16	2.5 mm²/13
	Insul. O.D.	2.80 mm	3.40 mm	4.00 mm	2.80 mm	3.40 mm	-	
Material	Bare copper fire resistant PVC insulated			Eletrolytic bare copper		Bare copper PVC insulated		

Speaker cable with Neutrik speakON connectors

SIGNAL INTEGRITY

S21FX215

Speaker cable 2x1.5 mm² (O2N15) wired with Neutrik speakON 50A connectors



S21FX225

Speaker cable 2x2.5 mm² (O2N25) wired with Neutrik speakON 50A connectors



S21FX215E

Speaker cable 2x1.5 mm² (O2N15E) wired with Neutrik speakON 50A connectors



S21FX225E

Speaker cable 2x2.5 mm² (O2N25E) wired with Neutrik speakON 50A connectors



- Length (meters): **3 5 10 15**
- With packaging, no heat shrink
- No packaging, with heat shrink
- Feet
- Meters
- No packaging, no heat shrink
- With packaging and heat shrink

Multicore Speaker Cables (4 to 8 Conductors)

All **eurocable** multicore speaker cables were specifically designed for touring applications. They are flame resistant and known for their extreme flexibility due to the very high strand count of individual conductors. Speaker cables are designed with no center conductor attributing to their superior strength in field applications where long hanging lengths are required. All channel pairs are clearly labeled and arranged using our unique production process to ensure identical distance to the red (+) and black (-) conductors. The eurocable series of multicore speaker cables and LK multi-conductor speaker connectors are available in 4, 6, 8, 16, 24, 36 and 48 conductor configurations. The CVS LK06N25 cable version is available on request.

MOBILE		
JACKET COLOR ■		
200 m/656 feet ON WOODEN REELS		
CE		
CVS LK04N40		
04N25-04N40 	06N25-06N40 	08N25-08N40
FLAME RESISTANT: IEC 60332-3 CAT. "C", EN 50266-2		

CVS LKCode	04N25	04N40	06N25*	06N40	08N25	08N40	
GENERAL DATA							
Cable	O.D.	11.10 mm	13.20 mm	14.20 mm	15.50 mm	16.00 mm	19.50 mm
	Standard reels	200 m					
	Weight Kg/100m	21.50	34.50	35.00	47.60	47	65.50
	Operating temperature	5°C/+70°C					
Jacket	Material	PVC fire resistant					
	Nominal Thickness	≥ 1.20 mm	≥ 1.80 mm	≥ 1.60 mm	≥ 1.50 mm	≥ 1.60 mm	≥ 1.80 mm
Conductor	D.C.R. [ohm/km] at 20° C	8	5	8	5	8	5
	Quantity	4		6		8	
	Strand	80 x 0.2 mm	128 x 0.2 mm	80 x 0.2 mm	128 x 0.2 mm	80 x 0.2 mm	128 x 0.2 mm
	Area/AWG	2.50 mm ² /13	4.00 mm ² /11	2.50 mm ² /13	4.00 mm ² /11	2.50 mm ² /13	4.00 mm ² /11
	Insul. O.D.	3.4	4.0	3.4	4.0	3.4	4.0
	Material	PVC fire resistant					

*on request

Speaker cable with Neutrik speakONconnectors			SIGNAL INTEGRITY		
S41FX425 Speaker cable 4x2.5 mm ² wired with Neutrik speakON 50A connectors		S41FT425 Speaker cable 4x2.5 mm ² wired with Neutrik speakON 50A connectors Metal		S81FC840 Speaker cable 8x4 mm ² wired with Neutrik speakON connectors	
S41FX440 Speaker cable 4x4 mm ² wired with Neutrik speakON 50A connectors		S41FT440 Speaker cable 4x4 mm ² wired with Neutrik speakON 50A connectors Metal		S81FT840 Speaker cable 8x4 mm ² wired with Neutrik speakON connectors Metal	
* Length (meters): 3 5 10 15 ■ Feet ■ Meters	■ With packaging, no heat shrink ■ No packaging, no heat shrink	■ No packaging, with heat shrink ■ With packaging and heat shrink			

Multicore Speaker Cables (18 and 24 Conductors)

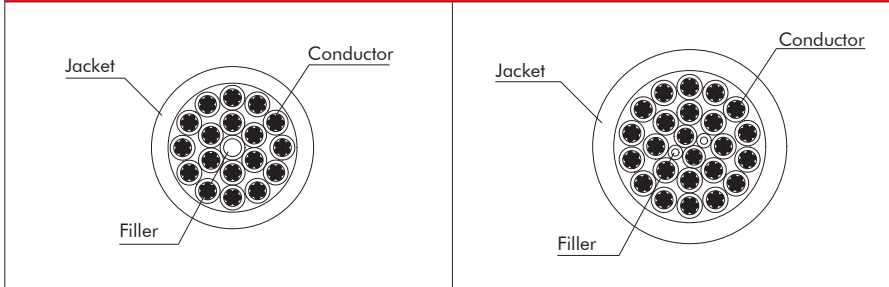
The CVS LK18N40 and CVS LK24N40 multicore speaker cables were specially designed to meet the needs of new audio systems in the touring applications. All eurocable speaker cables are flame resistant and are designed with a no-center conductor, attributing to their superior strength in field applications where long hanging lengths are required. Channel pairs are clearly labeled and arranged using our unique production process to ensure identical distance for the red (+) and black (-) conductors. When used with LKA 32/25 connectors, they guarantee to support high-density line array configurations where multiple speaker channels are required. Based on the LK Series MIL-SPEC designs, these connectors are extremely robust, IP rated, and available with impact-resistant rubber locking rings.



MOBILE
JACKET COLOR ■
200 m/656 feet ON WOODEN REELS



CVS LK24N40



FLAME RESISTANT: IEC 60332-3 CAT. "C", EN 50266-2

CVS LK18N40	CVS LK24N40
-------------	-------------

GENERAL DATA		
Cable	D.C.R. [ohm/km] at 20° C	5
	O.D.	22.80 mm
	Standard reels	200 m
	Weight Kg/100m	106
	Operating temperature	-15° C/+80° C
Jacket	Material	PVC fire resistant
	Nominal Thickness	2.00 mm
Conductor	Qty	18
	Strand	128 x 0.20 mm
	Area/AWG	4.00 mm ² /11
	Insul. O.D.	3.8 mm
	Material	Annealed bare copper PVC flame resistant insulated

Snakes, Fan-in and Fan-out



SPK 24N40 LK MFR * M H



FNTS F 24 BRNM * M F3



FNTS B 24 ERNM * M

* Length Feet M Meters

Multicore Speaker Cables (36 and 48 Conductors)

Today's professional line arrays require more granular control in order to effectively leverage high-density power amplifiers and DSP control.

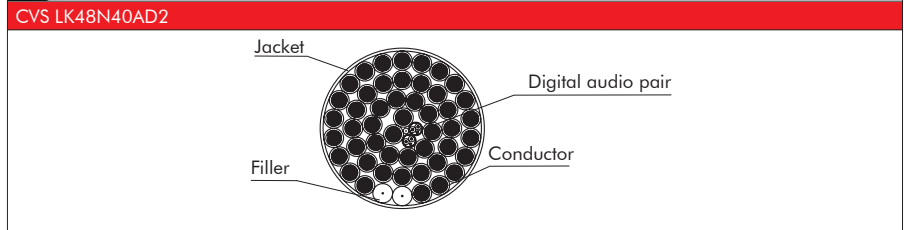
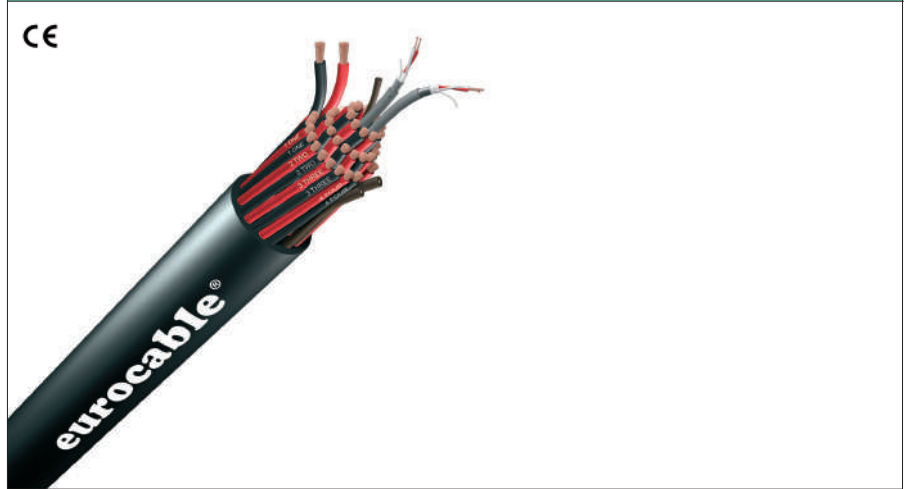
The **eurocable** series of multicore speaker cables, and LK multi-conductor speaker connectors, were specifically designed for touring applications.

All eurocable speaker cables are flame resistant and are designed with a no-center conductor, attributing to their superior strength in field applications where long hanging lengths are required. Channel pairs are clearly labeled and arranged using our unique production process to ensure identical distance for the red (+) and black (-) conductors.

The CVS LK36N40AD2 and LK48N40AD2 also contain digital pairs to transport common laser and inclinometer signals.



MOBILE
JACKET COLOR
92 m/300 feet ON WOODEN REELS



FLAME RESISTANT: IEC 60332-3 CAT. "C", EN 50266-2

GENERAL DATA		CVS LK36N40AD2*	CVS LK48N40AD2*	Speaker	Audio
Cable	O.D.	≤ 31.10 mm	≤ 35.00 mm	3.60 mm	1.20 mm
	Standard reels	92 m			
	Weight Kg/100m	197	257	-	
	Operating temperature	-20° C/+70° C			
Jacket	Material	PVC			
	Nominal Thickness	2.10 mm		1.00 mm	0.60 mm
Shield	Material	-			Aluminium - Polyester foil + tinned copper drain wire 7 x 0.16 mm
	Coverage	-			
Conductor	Qty	-		36 (36N40AD2) 48 (48N40AD2)	2
	Strand	-		128 x 0.20 mm	7 x 0.16 mm
	Area/AWG	-		4.00 mm ² /11	0.14 mm ² /26
	Insul. O.D.	-		3.60 mm	1.20 mm
	Material	-		Annealed bare copper PVC insulated	Annealed tinned copper polyolefine insulated

* on request

Snakes



SPK **48N40AD2** **LK1** **MR** ***** **M** **H**

***** Length Feet **M** Meters

Custom fan-in&out on request


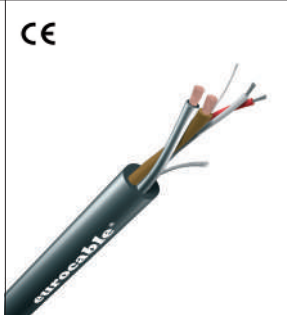
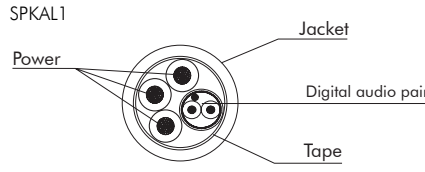
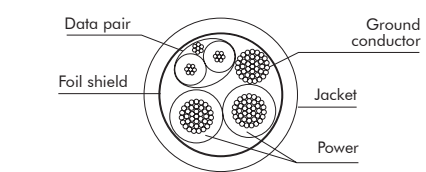
Powered Audio/DMX Cables

SPKAL range

The **eurocable** SPKAL series of self-powered cables are ideal for use on stage, delay and main speaker systems or wherever self-powered are employed. The tried and tested **eurocable** design for this type of cable ensures interference-free operation with the benefit of running only one cable for power and audio. LK Connectors multipin solutions are also available for the SPKAL range.

DMX CC

The DMX CC cable meets the DMX 512-A standard for data transmission in digital mixing-control applications, networking of scanners and lighting systems. It consists in one Data pair and two voltage supply pairs for transmission of voltage up to 50 V.

MOBILE	INSTALLATION/MOBILE
DIGITAL	DIGITAL
JACKET COLOR ■	JACKET COLOR ■
200-305 m/656-1000 feet ON WOODEN REELS	200 m/656 feet ON WOODEN REELS
	
SPKAL1	DMXCC
	
FLAME RESISTANT: IEC 60332-3 CAT. "C", EN 50266-2	FLAME RESISTANT: IEC 60332-3, EN 60332-1

CVS LKCode	SPKAL1	SPKAL2	SPKAL4	DMXCC	
ELECTRICAL DATA					
D.C.R. at 20°C	Conductor		Audio: 160 ohm/km		
	Shield		< 15 ohm/km		
Capacitance	Conductor/Conductor 1 KHz		30 pF/m		
	Conductor/Shield 1 KHz		70 pF/m		
Nominal Impedance	110 ohm				
Attenuation [db/100m]	7 at 3 MHz/10 at 6 MHz		at 256 KHz		
Vel. of Prop.	80%		78%		
GENERAL DATA					
Cable	O.D.	10.50 mm	11.60 mm	12.40 mm	7.80 mm
	Standard reels	200 m	305 m		200 m
	Weight Kg/100m	17	20.50	24	11.50
	Operating temperature	-20°C/+70°C			
Jacket	Material	PVC flame resistant			
	Nominal Thickness	1.30 mm	1.50 mm		0.70 mm
Shield	Material	Tinned copper braid + PET/ALL. tape			Aluminium - Mylar foil
	Coverage	First: 86% - Second: 100%			100%
Conductor	Quantity	Audio: 1 Power: 3	Audio: 1 Power: 3	Audio: 2 Power: 3	Data: 1 Power: 2
	Strand	Audio: 7 x 0.15 mm			Data: 7 x 0.20mm
		Power: 48 x 0.19 mm	Power: 80 x 0.19 mm		Power: 43 x 0.25 mm
	Area/AWG	Audio: 0.13/26 Power: 1.5/16 (L1) 2.08/14 (L2/L4)			Data: 0.22 mm ² /24 Power: 2 mm ² /14
	Insulation O.D.	Audio: 1.50 mm			Data: 1.60 mm
		Power: 2.8 mm	Power: 3.4 mm		Power: 2.70 mm
Material	Audio: Tinned copper polyethylene insulated Power: Bare copper fire resistant PVC insulated			Data: Tinned copper PE. insulated Power: Tinned copper PVC insulated	

SPKAL Speaker with power (3x1.5 or 3x2.5 mm²) cable with Neutrik powerCON and XLR connectors SIGNAL INTEGRITY

SPPX1STK1

SPKAL1-one digital audio pair and 3x1.5 mm² power cable Neutrik powerCON and XLR black/gold



SPPX1STK2

SPKAL2-one digital audio pair and 3x2.5 mm² power cable Neutrik powerCON and XLR black/gold



SPPX2STK4

SPKAL4-two digital audio pairs and 3x2.5 mm² power cable Neutrik powerCON and 2 XLR black/gold

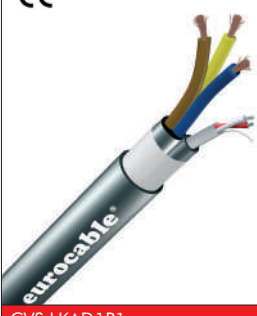
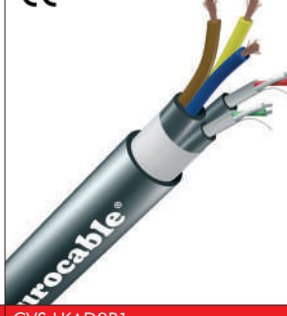
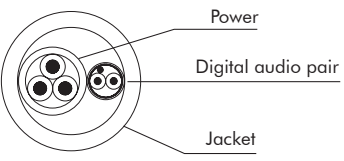
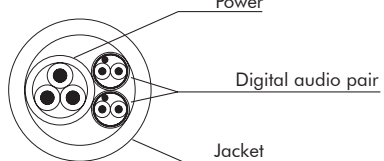


For DMXCC cables see page 89

* Length (meters): 3 5 10 15	□ With packaging, no heat shrink	□ No packaging, with heat shrink
■ Feet	■ Meters	□ No packaging, no heat shrink
	□ With packaging, no heat shrink	□ With packaging and heat shrink

Powered Audio/DMX Cables

The **eurocable** AD1P1 and AD1P2 are built with one main power line (3x1.5 mm²) with an individual external jacket and one or two 110 ohm balanced digital cables. They were specifically designed to meet the most demanding request in different audio, video and lighting applications such as colour change control, follow spots with intercom, powered loudspeaker and monitor control.

INSTALLATION/MOBILE	INSTALLATION/MOBILE
DIGITAL	DIGITAL
JACKET COLOR ■	JACKET COLOR ■
200 m/656 feet ON WOODEN REELS	200 m/656 feet ON WOODEN REELS
	
CVS LKAD1P1	CVS LKAD2P1
	

ELECTRICAL DATA		
D.C.R. at 20°C	Conductor	75 ohm/km
	Shield	25 ohm/km
Capacitance	Conductor/Conductor 1 KHz	80 pF/m
	Conductor/Shield 1 KHz	160 pF/m
Nominal Impedance		110 ohm
Attenuation [db/100m]		5 at 3 MHz/8.5 at 6 MHz/11.5 at 8 MHz
Vel. of Prop.		80%
GENERAL DATA		
Cable	O.D.	14.90 mm
	Standard reels	200 m
	Weight Kg/100m	20.70
	Operating temperature	-20°C/+70°C
Jacket	Material	PVC TM2
	Nominal Thickness	1.50 mm
Shield	Material	Audio: Tinned copper spiral shield
	Coverage	100%
Conductor	Quantity	Audio: 1 - Power: 1
	Strand	Audio: 28 x 0.10 mm - Power: 48 x 0.20 mm
	Area/AWG	Audio: 0.22mm ² /24 - Power: 3 x 1.5mm ² /3 x 15
	Insulation O.D.	Audio: 3.75mm - Power: 7.70mm
	Material	Audio: Annealed bare copper, polyolefine insulated, external jacket: PVC Power: Annealed tinned bare copper, PVC insulated, external jacket: PVC

Audio with power (3x1.5 mm²) cable with Neutrik powerCON and XLR connectors

SPPX1STD1

AD1P1-one digital audio pair and 3x1.5 mm² power cable Neutrik powerCON and XLR black/gold



SPPX2STD2



AD2P1-two digital audio pairs and 3x1.5 mm² power cable Neutrik powerCON and 2 XLR black/gold





SIGNAL INTEGRITY



* Length (meters): **3 5 10 15**
 Feet  Meters

 With packaging, no heat shrink
 No packaging, no heat shrink





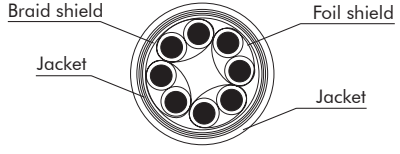
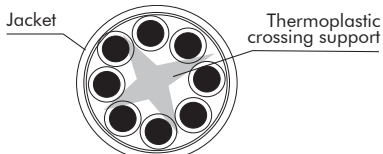
 No packaging, with heat shrink
 With packaging and heat shrink

CAT PUR Jacket

A polyurethane sheath protects the **eurocable** CAT6 and cat 7 PUR range. Specifically created for mobile outdoor transmission, these cables are flexible, strong, and were designed to be the most durable jacketed cables available today. Link's testing criteria exceed all established nominal standards.

eurocable CAT7 cables undergo ISO/IEC 11801 certification tests Class F in which the complete range of relevant frequencies is analyzed. The test ensures that each value, at every frequency up to 1500 MHz, is compliant with the standard at the specified length. **eurocable** CAT7 is the first cable for Dante that was tested successfully to 150m and is guaranteed to 120m for mobile applications.

eurocable CAT6 cables undergo EIA/TIA 568B.2 and ISO/IEC 11801 certification tests in which the complete range of relevant frequencies are analyzed. The test ensures that each value, at every frequency up to 500 MHz, is compliant with the standard at the specified length. The eurocable CAT6 is designed for transmitting high bandwidth signals over long distances (typically 300 ft or 90m as per the published standard).

MOBILE	MOBILE
JACKET COLOR 	JACKET COLOR 
500 m/1640 ft ON WOODEN REELS	300 m/1000 ft ON WOODEN REELS
	
Dante tested up to 150m!	
CVS LKCAT7 SFTP PUR	CVS LKCAT6A STP PUR
	
HALOGEN FREE	HALOGEN FREE
FLAME RETARDANT: IEC 60332-1 , IEC 60332-3-24, IEC 60754-1, IEC 61034-, EN 50265-2-1, EN 50305, EN 50268-2-1	FLAME RETARDANT: IEC 60754-1, IEC 61034-1, IEC 60332-1, EN 50267-2-1, EN 50268-2-1, EN 50265-2-1

TRANSMISSION SPECIFICATIONS for CAT7																						
Frequency [MHz]	1	4	10	16	20	31.25	62.5	100	125	155.5	175	200	250	300	450	600	750	900	1000	1200	1500	
Attenuation (max)	2.00	3.50	5.30	6.60	7.50	9.50	13.50	16.50	18.80	21.00	21.20	23.20	25.40	28.40	36.00	41.00	47.80	52.00	55.30	59.00	70.00	
NEXT (min)	90.00	90.00	90.00	90.00	85.00	85.00	80.00	80.00	80.00	80.00	75.00	75.00	75.00	70.00	70.00	65.00	65.00	65.00	65.00	55.00	50.00	
ACR (min)	88.00	86.50	84.70	83.40	77.50	75.50	66.50	63.50	61.20	59.00	53.80	51.80	49.60	41.60	34.00	24.00	17.20	13.00	9.70	-4.00	-20.00	
Return Loss (min)	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	20.00	20.00	20.00	20.00	20.00	15.00	
TRANSMISSION SPECIFICATIONS (for CAT6)																						
Frequency [MHz]	1		10		20		31.2		62.5		100		155.5		200		250		300		500	
Attenuation (max)	1.8		5.4		7.7		9.6		13.7		17.4		21.9		25		28.1		30.8		40	
NEXT (min)	100		80		70		65		60		60		55		55		50		45		42	
ACR (min)	98.2		74.6		62.3		55.4		46.3		42.6		33.1		30		21.9		14.2		2	
Return Loss (min)	25		25		25		25		25		25		25		20		20		20		15	
ELECTRICAL DATA																						
D.C.R. at 20°C	≤ 57.50 ohm/Km											80 ohm/Km										
Insulation resistance	> 5000 mOhm/Km											-										
Insulation voltage	1 Kv											-										
Mutual capacitance	43 pF/m at 800Hz											56 pF/m at 800Hz										
Nominal Impedance 1 KHz	100 ohm (nom)											-										
Propagation velocity	77%											67%										
GENERAL DATA																						
Cable	O.D.	10 mm											8.50 mm (± 0.2 mm)									
	Weight Kg/100m	11.35											10									
Jacket	Material	Flame Retardant LSZH PUR																				
	Color	Black																				
Overall shield	Material	Tinned copper braid																				
	Coverage	40%											80%									
Single pair shield	Material	Aluminium/Polyester tape											-									
	Coverage	100%											-									
Conductor	Quantity	4 x 2																				
	Strand	1 x 0.64 mm											1 x 0.57 mm									
	Area/AWG	0.32 mm ² /22											0.26 mm ² /23									
	Material	Solid Bare - Red copper																				

Not suitable for applications above 50 volt ac; 75 volt dc.

CAT6A LAN Cable

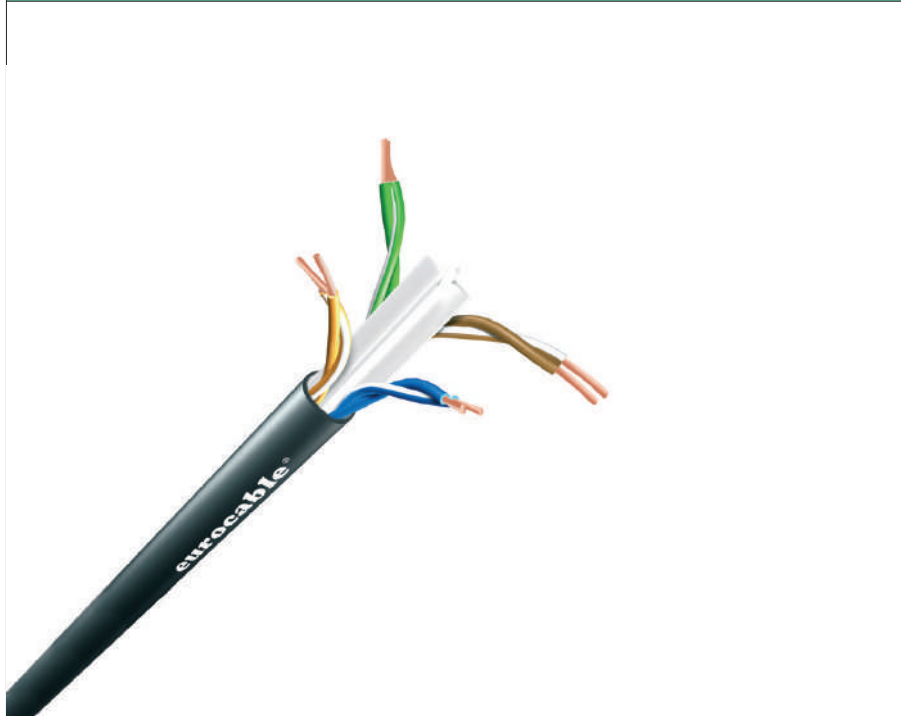
The **eurocable** CAT6A LAN is designed for fixed installation in Local Area Networks, such as campus or riser, due to its high electrical and flammability performance.

eurocable CAT6A LAN supports gigabit signals over extended distances (typically 300ft or 90m as per the published standard) and guarantees the highest possible performance for the cost.

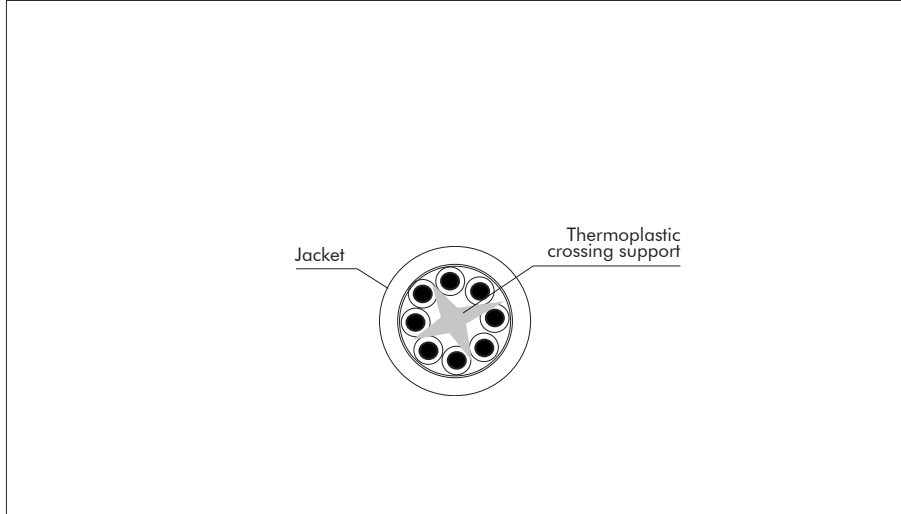
Link's testing criteria exceeds all established nominal standards as identified below.

CAT6A cables undergo EIA/TIA 568B.2 and ISO/IEC 11801 certification tests in which the complete range of relevant frequencies are analyzed. The test ensures that each value, at every frequency up to 500 MHz, is compliant with the standard at the specified length.

INSTALLATION	
JACKET COLOR	■
500 m/1640 ft ON WOODEN REELS	



CVS LKLANCAT6A U/UTP



HALOGEN FREE
FLAME RETARDANT: ISO/IEC 11801, IEC 61156-5, EN 50173, EN 50288-11-1, EIA-TIA 568C.22

TRANSMISSION SPECIFICATIONS											
Frequency [MHz]	1	10	20	31.2	62.5	100	155.5	200	250	300	500
Attenuation (max)	1.8	5.4	7.7	9.6	13.7	17.4	21.9	25	28.1	30.8	40
NEXT (min)	100	80	70	65	60	60	55	55	50	45	42
ACR (min)	98.2	74.6	62.3	55.4	46.3	42.6	33.1	30	21.9	14.2	2
Return Loss (min)	25	25	25	25	25	25	25	20	20	20	15
GENERAL DATA											
Cable	O.D.	6.6 mm									
	Standard reels	500 m									
	Operating temperature	-20° C/+60° C									
	Weight Kg/100m	4.64									
Jacket	Material	LSZH engineering resin + PVC									
	Nominal Thickness	1 mm									
Conductor	Quantity	4 x 2									
	Strand	1 x 0.57									
	Area/AWG	0.26 mm ² /23									
	Material	Solid Bare - Red copper									

Not suitable for applications above 50 volt ac; 75 volt dc.

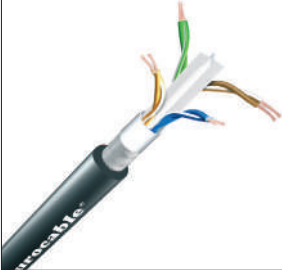

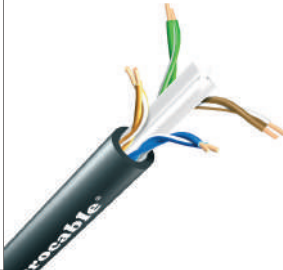
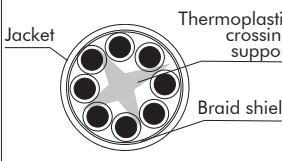
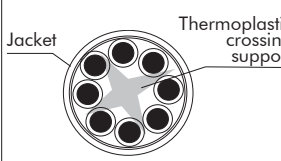
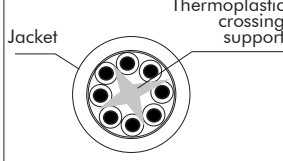
CAT Solid Bare

eurocable CAT cables are very flexible and resistant to damage and they are ideal for distributed backbone between equipment rooms, remote workstations and telecommunications closets.

They were specifically designed for long distance cabling runs.

Link's testing criteria exceeds all established nominal standards as identified below.

CAT6A cables undergo EIA/TIA 568B.2 and ISO/IEC 11801 certification tests in which the complete range of relevant frequencies are analyzed. The test ensures that each value, at every frequency up to 500 MHz, is compliant with the standard at the specified length.

MOBILE	MOBILE	MOBILE
JACKET COLOR ■	JACKET COLOR ■	JACKET COLOR ■
305 m/1000 ft	305 m/1000 ft	305 m/1000 ft
ON WOODEN REELS	ON WOODEN REELS	ON WOODEN REELS
		
CVS LKCAT6A STP	CVS LKCAT6A UTP	CVS LKCAT5E
 <p>Jacket, Thermoplastic crossing support, Braid shield</p>	 <p>Jacket, Thermoplastic crossing support</p>	 <p>Jacket, Thermoplastic crossing support</p>

TRANSMISSION SPECIFICATIONS (for CAT6A)

Frequency [MHz]	1	10	20	31.2	62.5	100	155.5	200	250	300	500
Attenuation (max)	1.8	5.4	7.7	9.6	13.7	17.4	21.9	25	28.1	30.8	40
NEXT (min)	100	80	70	65	60	60	55	55	50	45	42
ACR (min)	98.2	74.6	62.3	55.4	46.3	42.6	33.1	30	21.9	14.2	2
Return Loss (min)	25	25	25	25	25	25	25	20	20	20	15

TRANSMISSION SPECIFICATIONS (for CAT5)

Frequency [MHz]	1	4	8	10	16	20	25	31.25	62.50	100	155	200	250
Attenuation (max)	2	3.7	5.3	5.9	7.5	8.4	9.5	10.6	15.3	19.8	25.1	29.8	32.8
NEXT (min)	74.3	65.2	60.7	59.3	56.2	54.7	53.3	51.8	47.3	44.3	41.4	39.7	38.3
ACR (min)	72.2	61.4	55.4	53.3	48.6	46.3	43.8	41.2	31.9	24.5	16.2	10.8	5.4
PS-NEXT (min)	72.3	63.2	58.7	57.3	54.2	52.7	51.3	49.8	45.3	42.3	39.4	37.7	36.3
Return Loss (min)	20	23	24.5	25	25	25	24.3	23.6	21.5	20.1	19	18	17.3

GENERAL DATA

Cable	O.D.	8.50 mm (± 0.2 mm)		6.80 mm
	Weight Kg/100m	10.40		4.29
	Operating temperature	-20°C/+70°C		
Jacket	Material	External: PVC, Internal: LSZH polymer		Reticulated Elastomeric Mixture
Overall shield	Material	Annealed tinned copper braid shield	-	-
	Coverage	80%	-	-
Conductor	Quantity	4 x 2		
	Strand	1 x 0.555 mm		7 x 0.145 mm
	Area/AWG	0.26 mm ² /23		0.12 mm ² /26
	Material	Solid Bare - Red copper		Stranded- Red copper

CAT6A STP cable with etherCON and RJ45 connectors (also available with patch cable)

SIGNAL INTEGRITY

ER6N5S6S * * * * *

CAT6A STP cable wired with Neutrik etherCON silver



ER6N5B6S * * * * *

CAT6A STP cable wired with Neutrik etherCON black



ER6H5S6S * * * * *

CAT6A STP cable wired with Neutrik etherCON silver/RJ45



ER6H5B6S * * * * *

CAT6A STP cable wired with Neutrik etherCON black/RJ45



ER6R5P6S * * * * *

CAT6A STP cable wired with RJ45



* Length (meters): **3 5 10 15**
 ■ Feet ■ Meters

□ With packaging, no heat shrink
 □ No packaging, no heat shrink

□ No packaging, with heat shrink
 □ With packaging and heat shrink




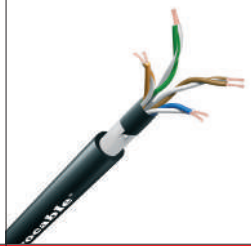
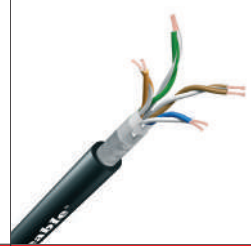
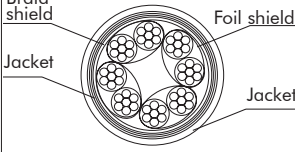
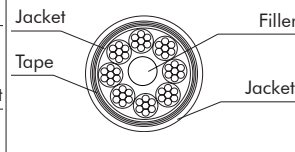
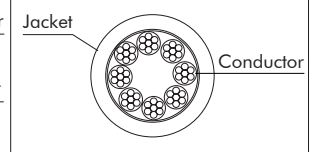
Not suitable for applications above 50 volt ac; 75 volt dc.

CAT Stranded

eurocable CAT stranded cables are specifically created for mobile applications. Their extremely flexible and robust jacket guarantees reliable performance in critical conditions.
























Link's testing criteria exceeds all established nominal standards as identified below.

CAT patch cables undergo EIA/TIA 568B.2 and ISO/IEC 11801 certification tests in which the complete range of relevant frequencies are analyzed. The test ensures that each value, at every frequency up to 500 MHz, is compliant with the standard at the specified length.

MOBILE	MOBILE	
JACKET COLOR 	JACKET COLOR 	
305 m/1000 ft ON WOODEN REELS	305 m/1000 ft ON WOODEN REELS	
		
CVS LKCAT6A SFTP P	CVS LKCAT6 UTP P	CVS LKCAT5E SF P
		

TRANSMISSION SPECIFICATIONS (for stranded conductors)															
Frequency [MHz]	1	4	8	10	16	20	25	31.25	62.50	100	155	200	250		
Attenuation (max)	2	3.7	5.3	5.9	7.5	8.4	9.5	10.6	15.3	19.8	25.1	29.8	32.8		
NEXT (min)	74.3	65.2	60.7	59.3	56.2	54.7	53.3	51.8	47.3	44.3	41.4	39.7	38.3		
ACR (min)	72.2	61.4	55.4	53.3	48.6	46.3	43.8	41.2	31.9	24.5	16.2	10.8	5.4		
PS-NEXT (min)	72.3	63.2	58.7	57.3	54.2	52.7	51.3	49.8	45.3	42.3	39.4	37.7	36.3		
Return Loss (min)	20	23	24.5	25	25	25	24.3	23.6	21.5	20.1	19	18	17.3		
TRANSMISSION SPECIFICATIONS (for CAT5)															
Frequency [MHz]	1	4	8	10	16	20	25	31.25	62.50	100	155	200	250		
Attenuation (max)	2	3.7	5.3	5.9	7.5	8.4	9.5	10.6	15.3	19.8	25.1	29.8	32.8		
NEXT (min)	74.3	65.2	60.7	59.3	56.2	54.7	53.3	51.8	47.3	44.3	41.4	39.7	38.3		
ACR (min)	72.2	61.4	55.4	53.3	48.6	46.3	43.8	41.2	31.9	24.5	16.2	10.8	5.4		
PS-NEXT (min)	72.3	63.2	58.7	57.3	54.2	52.7	51.3	49.8	45.3	42.3	39.4	37.7	36.3		
Return Loss (min)	20	23	24.5	25	25	25	24.3	23.6	21.5	20.1	19	18	17.3		
GENERAL DATA															
Cable	O.D.	7.70 mm					7.50 mm					6.50 mm			
	Weight Kg/100m	5.95					6.16					5.80 mm			
	Operating temperature	-20°C/+70°C													
Jacket	Material	External: PVC, Internal: LSZH polymer									PVC				
Overall shield	Material	Tinned copper braid					-					-			
	Coverage	40%					-					-			
Shield on single pair	Material	Aluminium/Polyester tape					-					-			
	Coverage	100%					-					-			
Conductor	Quantity	4 x 2													
	Strand	7 x 0.145 mm					7 x 0.20 mm								
	Area/AWG	0.12 mm ² /26					0.22 mm ² /24								
	Material	Stranded - Red copper									Annealed bare red copper				

CAT6A UTP cable with EtherCON and RJ45 connectors (also available with patch cable) SIGNAL INTEGRITY


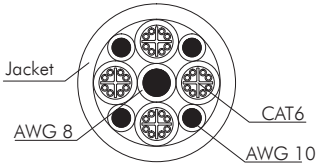
<p>ER6N5S6U  </p> <p>CAT6A UTP cable wired with Neutrik EtherCON silver</p> 	<p>ER6N5B6U  </p> <p>CAT6A UTP cable wired with Neutrik EtherCON black</p> 		
<p>ER6H5S6U  </p> <p>CAT6A UTP cable wired with Neutrik EtherCON silver/RJ45</p> 	<p>ER6H5B6U  </p> <p>CAT6A UTP cable wired with Neutrik EtherCON black/RJ45</p> 		<p>ER6R5P6U  </p> <p>CAT6A UTP cable wired with RJ45</p> 
<p> Length (meters): 3 5 10 15</p> <p> Feet  Meters</p>	<p> With packaging, no heat shrink</p> <p> No packaging, no heat shrink</p>	<p> No packaging, with heat shrink</p> <p> With packaging and heat shrink</p>	<p>All products are also available with Amphenol connectors</p>

Not suitable for applications above 50 volt ac; 75 volt dc.

Hybrid cable for Data and Power

The **eurocable** 4CAT6SF 10/5 cable contains 4 CAT6A and 5 wire 32A three-phase power conductors designed to address the growing demand for multiple Ethernet lines and power in one cable. When coupled with new LKG 40/4E5 connector, setup time for power and data runs is greatly reduced and reliability is greatly improved. With a single Stage/Front of House "safe connection", you may run MADI Tx/Rx and a Primary/Secondary Dante Network. Any combination of audio protocols, Streaming ACN, and Video are possible while proving 32A 3-phase power to FOH. The 4 integral **eurocable** CAT6A cables support gigabit signals over extended distances (typically 300ft or 90m as per the published standard)


***Please note that some digital audio protocols may permit longer distances than the ethernet standard allows and can be tested for specific manufacturer applications.*

MOBILE		
JACKET COLOR ■		
200 m/656 ft ON WOODEN REELS		
		
CVS LK4CAT6SF 10/5		
		
IEC 60228, CEI EN 50363 (as far as applicable), UL 1581, UL 758, reference styles AWM 2464, ISO/IEC 11801, IEC 61156-5, EN 50173, EN 50288-11-1, EIA-TIA 568C.22		
AWG 10	AWG 8	CAT6 SF UTP

ELECTRICAL DATA				
D.C.R. at 20°C	<5.27 Ohm/km	<2.14 ohm/km	-	
Rated Voltage	300 V		-	
Test Voltage	1500 Vacx1"		-	
Nominal Impedance	-	-	100 Ohm	
Velocity of Propagation	-	-	67%	
GENERAL DATA				
Cable	O.D.	28.80 mm		
	Color	Black RAL 9005		
	Bending Radius	10 x O.D.		
	Operating temperature	-20°C/+80°C		
Overall Jacket	Material	PVC		
	Jacket single type	Material	PVC	LSZH Thermoplastic Material
Shield	Material	-	-	Aluminium/polyester tape tinned copper braid
	Coverage	-	-	54%
Conductor	Qty	4	1	4 (4x2)
	Area/AWG	6 mm ² /10	10 mm ² /8	0.25 mm ² /23
	Strand	168x0.20 mm cl.6	315x0.20 mm cl.6	1x0.57 mm
	Insul. O.D.	5 mm (nom)	7.5 mm (nom.)	8 mm (nom.)
	Material	Bare copper	Bare copper	Bare copper polyethylene insulated

Snakes

For further information and configurations, see pages 58-59



SNKG
4P
Q
*
M
R



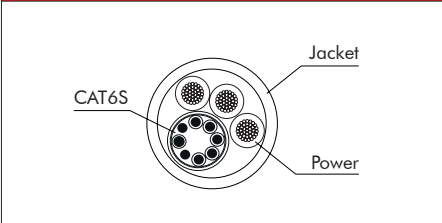
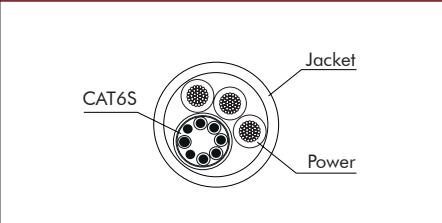
* Length	M Meters	R Feet
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Hybrid Cables for Data and Power

eurocable hybrid cable range 1 CAT6A cable + 1 Power line are designed to address the growing need to transmit Ethernet and power over one cable.

These cable include 3x12 AWG (3,3 mm²) or 3x16 AWG (1,5 mm²) power wires plus one SF/UTP CAT6A signal over extended distances. (typically 300 ft. or 90 m as per the published standard)

Note: The maximum length stated references the furthest distance allowed while maintaining EIA/TIA 568.B.2 certification. Actual performance may be greater depending on the protocol.

MOBILE		MOBILE	
JACKET COLOR ■		JACKET COLOR ■	
200 m/656 ft ON WOODEN REELS		200 m/656 ft ON WOODEN REELS	
			
CVS LK1CAT6SF 12/3		CVS LK1CAT6SF 16/3	
			
CEI EN 60228, CEI EN 50363		CEI EN 60228, CEI EN 50363	
3 x 3.30 mm ²	CAT6A	3 x 1.50 mm ²	CAT6A

ELECTRICAL DATA					
D.C.R. at 20° C		< 5.2 ohm/Km	-	< 13.3 ohm/Km	-
Test voltage		2000 Vca x 1' cond/cond	-	2000 Vca x 1' cond/cond	-
		2000 Vca x 1' cond/shield	-	2000 Vca x 1' cond/shield	-
GENERAL DATA					
Cable	O.D.	15.30 mm		13.40 mm	
	Material	PVC (TM2)			
	Weight Kg/100m	33.70		23.80	
Shield	Material	-	I Aluminium polyester tape	-	I Aluminium polyester tape
		-	II Annealed tinned copper braid	-	II Annealed tinned copper braid
	O.D. wire	-	0.10 mm	-	0.10 mm
	Coverage	-	100%	-	100%
	Wrapping	-	> 80%	-	> 80%
Conductor	Single conductor O.D.	68 x 0.25 mm/12 AWG	4 x 2 x 23 AWG	46 x 0.20 mm/16 AWG	4 x 2 x 23 AWG
		2.37 mm	0.57 mm	1.60 mm	0.57 mm
	Material	Annealed red copper	Bare copper wire	Annealed red copper	Bare copper wire
		PVC insulated	Polyethylene insulated	PVC insulated	Polyethylene insulated

Snakes

For further information and configurations, see pages 58-59



SNKG 1 Y * M R



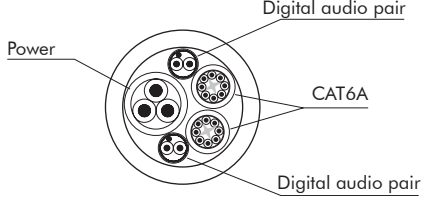
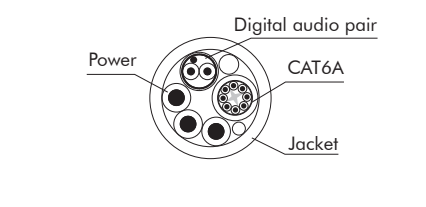
SNKG 1 R * M R

* Length Feet M Meters

Hybrid Cables for Data, Audio and Power

eurocable 2CAT6SF 12/3 AD2 is designed to address the growing need to transmit power + data signals over one cable. This cable includes 3x12 AWG (3,5 mm²) double shielded power cable, two AES individually jacketed and shielded audio pairs, plus two SF/UTP CAT6 signals over extended distances. (typically 300 ft. or 90 m as per the published standard)

Note: The maximum length stated references the furthest distance allowed while maintaining EIA/TIA 568.B.2 certification. Actual performance may be greater depending on the protocol.

MOBILE	
DIGITAL	
JACKET COLOR	■
152 m/500 ft ON WOODEN REELS	
	
CVL2CAT6SF 12/3 AD2	CVL1CAT6SF 12/3 AD1
	

GENERAL DATA					
Cable	O.D.	21.30 mm		16.20 mm	
	Weight Kg/100m	46.90		36.70 mm	
	Operating temperature	-20°C/+70°C		-20°C/+80°C	
	Volt. Rate (Power)	600 V		300 V	
Jacket	Nominal Thickness	1.70 mm		1.60 mm	
	Color	Black			
	Material	PVC			
		Audio	CAT6A	Power	
Cable	O.D.	4.00 mm	8.00 mm	10.60 mm	
Jacket	Material	PVC			
	Nominal Thickness	0.65 mm	0.53 mm		
Shield	Material	Aluminium - Polyester tape plus 18 x 0.10 mm drain wire	Aluminium - Polyester tape plus drain wire	-	
	Coverage	100%	100%	-	
Conductor	Qty	2 (CVL2CAT6SF 12/3 AD2) 1 (CVL1CAT6SF 12/3 AD1)	2 (CVL2CAT6SF 12/3 AD2) 1 (CVL1CAT6SF 12/3 AD1)	3	
	Strand	18 x 0.10 mm	1 x 0.58 mm	70 x 0.25 mm	
	Area/AWG	0.14 mm ² /26	0.22 mm ² /24	3.44 mm ² /12	
	Insulation O.D.	1.20 mm	1.00 mm	1.00 mm	
	Material	Annealed tinner copper polyolefine insulated	Solid bare copper polyolefine insulated	Annealed bare copper PVC insulated	

Snakes

For further information and configurations, see pages 58-59



SNKG 2P X * M R

SNKG 2P L * M R

* Length Feet M Meters

Multidata CAT6A Cables

The **eurocable** multiCAT6A flexible cables are designed to answer the growing needs of running more data signals in mobile applications. Designed for transmitting high bandwidth signals over long distances (typically 300 ft or 90 m as per the published standard). Please note that some digital audio protocols may permit longer distances than the Ethernet standard allows and can be tested for specific manufacturer applications(*). Multidata CAT6A is available in two versions:

4CAT6F

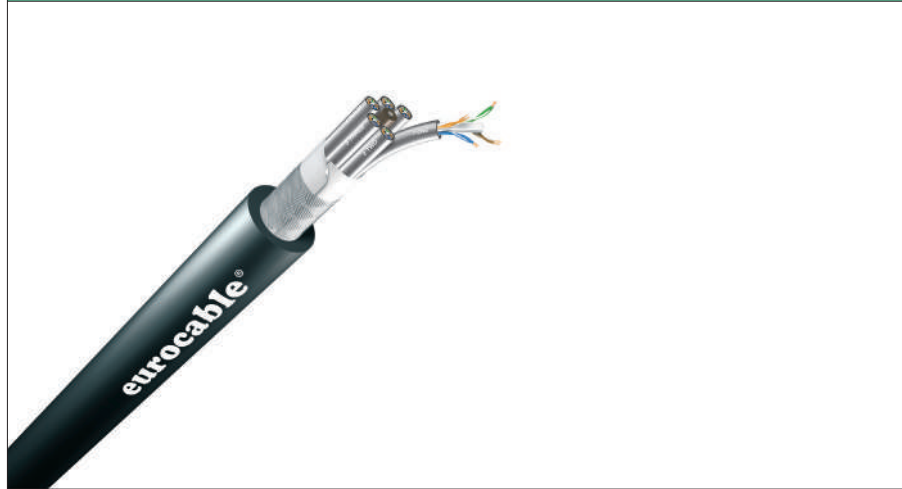
Four **eurocable** F/UTP cables in an extra flexible and robust PVC jacket with overall braid shield

6CAT6F

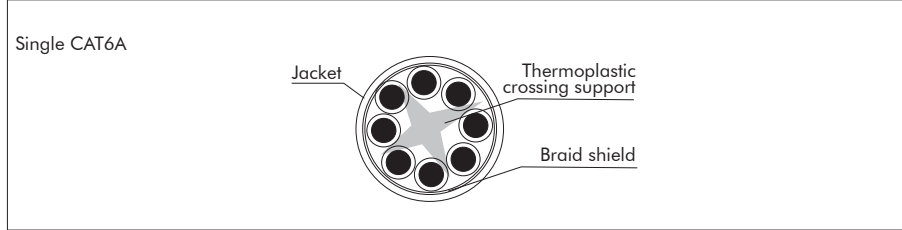
Six eurocable F/UTP cables in an extra flexible and robust PVC jacket with an overall braided shield.

**Please consider that extended stress, or poor termination practices, can alter the primary electrical values of this type of cable. Using a cable reel is highly recommended.*

MOBILE
JACKET COLOR ■
200 m/656 ft ON WOODEN REELS



CVS LK6CAT6F



CVS LK4CAT6F	CVS LK6CAT6F
--------------	--------------

TRANSMISSION SPECIFICATIONS											
Frequency [MHz]	1	10	20	31.2	62.5	100	155.5	200	250	300	500
Attenuation (max)	1.8	5.4	7.7	9.6	13.7	17.4	21.9	25	28.1	30.8	40
NEXT (min)	100	80	70	65	60	60	55	55	50	45	42
ACR (min)	98.2	74.6	62.3	55.4	46.3	42.6	33.1	30	21.9	14.2	2
Return Loss (min)	25	25	25	25	25	25	25	20	20	20	15
GENERAL DATA											
Cable	O.D.	22.10 mm					27.50 mm				
	Standard reels	200 m									
	Weight Kg/100m	49.40					73.30				
	Operating temperature	-20°C/+70°C									
Jacket	Material	PVC									
	Shield	Material	Tinned copper braid								
	Coverage	80%									
Conductor	Quantity	4 x 4 x 2					6 x 4 x 2				
	Strand	1 x 0.57 mm									
	Area/AWG	0.26 mm ² /23									
	Material	Solid bare red copper polyethylene insulated									

Snakes

For further information and configurations, see pages 58-59



SNKG 4 N * M R

SNKG 6 C * M R

Not suitable for applications above 50 volt ac; 75 volt dc.

* Length Feet M Meters

Multisignal CAT6A with Audio

The **eurocable** 2CAT6F AD2 and 2CAT6F AD6 cables perfectly respond to the need of CAT6A drive snake connectivity and other applications where both CAT6 and balanced lines are required in one cable.

CVS LK2CAT6F AD2

Featuring two CAT6A lines (maximum length 90 m) and two balanced AES audio lines in one jacket, the 2CAT6F AD2 is ideal for connecting the ever-increasing number of FOH digital systems and stage components. The two balanced pairs can be used for intercom, tie lines or any other audio applications. Built following **eurocable's** perfect balance between flexibility and durability renowned worldwide.

CVS LK2CAT6F AD6

The 2CAT6F AD6 cable offers the same characteristics as before, featuring six balanced AES audio lines

CVS LK2CAT6F AD12

The 2CAT6F AD12 cable offers the same characteristics as before, featuring twelve balanced AES audio lines

MOBILE	MOBILE	MOBILE
JACKET COLOR ■	JACKET COLOR ■	JACKET COLOR ■
305 m/1000 ft	305 m/1000 ft	305 m/1000 ft
ON WOODEN REELS	ON WOODEN REELS	ON WOODEN REELS
CVS LK2CAT6AF AD2	CVS LK2CAT6AF AD6	CVS LK2CAT6AF AD12

TRANSMISSION SPECIFICATIONS														
Frequency [MHz]	1	10	20	31	63	100	125	155	175	200	250	300	500	
Attenuation (max)	2,1	5,9	8,4	10,5	15	19,1	21,5	24,1	25,7	27,6	31,1	34,3	45,3	
NEXT (min)	75,3	60,3	55,8	52,9	48,4	45,3	43,8	42,4	41,7	40,8	39,3	38,1	34,8	
ACR (min)	68	48	42	38,1	32,1	28	26,1	24,2	23,1	22	20	18,5	14	
PS-NEXT (min)	72	57	53	50	45	42	40,8	39,4	38,7	37,8	36,3	35,1	31,8	
Return Loss (min)	20	25	25	23,6	21,5	20,1	19,4	18,8	18,4	18	17,3	17,3	17,3	
GENERAL DATA														
Cable	O.D.	18.70 mm					20.40 mm				23.50 mm			
	Standard reels						305 m							
Jacket	Material	PVC												
	Nominal Thickness	2.46 mm					2.00 mm				2.50 mm			
Conductor	Quantity	Audio: 2 - CAT6A: 2					Audio: 6 - CAT6A: 2							
	Strand	Audio: 18 x 0.10 mm - CAT6: 1 x 0.555 mm												
	Area/AWG	Audio: 0.14 mm ² /26 - CAT6A: 0.24 mm ² /23												
	Insulation O.D.	Audio: 1.25 mm												
	Material	Audio: Tinned copper polyolefin insulated - CAT6A: Solid bare copper polyethylene insulated												

Snakes

For further information and configurations, see pages 58-59



SNKG	2	H	*	M	R
SNKG	6	H	*	M	R
SNKG	12	H	*	M	R

* Length Feet M Meters

Not suitable for applications above 50 volt ac; 75 volt dc.

Hybrid Digital Data and Coaxial Cable

CVS LK3CAT6SF 4RG6 is an exciting addition to Link's **eurocable** lineup of hybrid cables. It contains 3 CAT6 F/UTP cables and 4 RG6 coaxial cables.

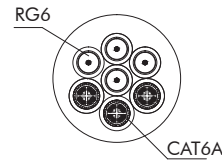
It is designed especially for live entertainment and Broadcast-TV applications, with MADI digital audio and HD-SDI video signals. The combination of CAT6A and RG6 in one trunk cable wired with LKG 32/3E4RG6, allows the user to send a wide variety of signals between locations by means of a single connection. This cable is also compatible with Link's complete line of Widget series digital or analog break-in and break-out adapters. With the ability to run distances of over 100 meters, this cable is an ideal fit for the stage to FOH or remote to OB applications



MOBILE
DIGITAL
JACKET COLOR
152 m/500 ft ON WOODEN REELS



CVS LK3CAT6SF 4RG6



ELECTRICAL DATA		Coax	CAT6A
D.C.R. at 20°C	Inner conductor	22.5 Ohm/Km	-
	Outer conductor	8.3 Ohm/Km	-
Nominal impedance		75 Ohm	100 Ohm
Vel. of Prop.		84%	67%
GENERAL DATA			
Cable	O.D.	28.6 mm	
	Weight Kg/100m	88.10	
Jacket	Material	Flame retardant PVC	
	Nominal Thickness	2.6 mm	
Shield	Material	I aluminium/polyester/aluminium foil	I aluminium polyester tape
		II tinned copper braid	II annealed tinned copper braid
	Coverage	I 100% - II 96%	I 100% - II 80%
Conductor	Quantity	4	3 x 4 x 2
	Strand	1 mm	1 x 0.57 mm
	Area/AWG	0.785 mm ² /18	0.25 mm ² /23
	Insulation O.D.	4.60 mm	1.10 mm
	Jacket O.D.	6.95 mm	8 mm
	Material	Red copper polyethylene insulated PVC jacket	Bare copper wire polyethylene insulated, external jacket flame retardant LSZH thermoplastic material

Snakes

For further information and configurations, see pages 60-61



SNKG 3 G * M R

* Length Feet M Meters

Not suitable for applications above 50 volt ac; 75 volt dc.

Unbreakable Optical Cables

The **eurocable** FOHD unbreakable fiber optic cables from Link have been created to satisfy the demanding elements of the entertainment market when using new signal distribution systems with connections for optical signals, where cables that can withstand the day to day use for live events is crucial. Available in 6, 12 and 24 ch single-mode and multi-mode versions and 5,10 mm and 7,10 mm overall diameters, are designed to tolerate extreme bend radiuses with low attenuation, the triple jacketed cable is reinforced with aramid fibers to ensure maximum tensile strength. Available with multiple termination methods, FOHD is a next-generation cable specifically designed for live entertainment and broadcast applications.

FLAME RESISTANT: IEC 60332-1-2
HALOGEN FREE
MOBILE
JACKET COLOR
1000 m/3280 feet ON WOODEN REELS

Single-Mode Unbreakable Optical Cables

TECHNICAL DATA			
Attenuation		≤ 0,4 dB/Km at 1310 nm	
		≤ 0,3 dB/Km at 1550 nm	
Operating temperature	Installation	-5° C +50° C	
	Operation	-40° C +80° C	
Minimum bending radius		2.5 cm	
Breaking load		2000 N	3000 N
GENERAL DATA			
Cable	Fiber O.D.	0.255 mm	
	Cable O.D.	5.10 mm	7.10 mm
Jacket	Inner jacket	Material	LSZH compound
		Color	Yellow
	Second jacket	Material	PVC
		Color	Black
	Outer jacket	Material	PUR
		Color	Black
Under jacket strength element		Aramid fiber braid	

Multi-Mode Unbreakable Optical Cables

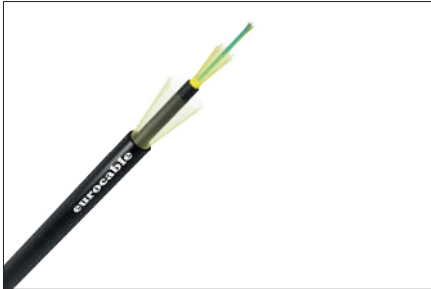
TECHNICAL DATA			
Attenuation		≤ 3 dB/Km at 850 nm	
		≤ 1.5 dB/Km at 1310 nm	
Operating temperature	Installation	-10° C +60° C	
	Operation	-10° C +60° C	
Minimum bending radius		2.5 cm	
Breaking load		2000 N	3000 N
GENERAL DATA			
Cable	Fiber O.D.	0.255 mm	
	Cable O.D.	5.10 mm	7.10 mm
Jacket	Inner jacket	Material	LSZH compound
		Color	Blue
	Second jacket	Material	PVC
		Color	Black
	Outer jacket	Material	PUR
		Color	Black
Under jacket strength element		Aramid fiber braid	

Unbreakable Optical Cables

6 Fibers

12 Fibers

24 Fibers



6 Fibers Single-Mode - Ø 5.10 mm

CVS LKFOHD6SM09-5



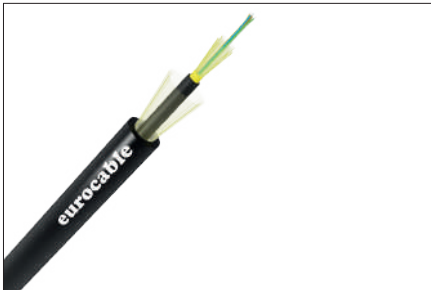
12 Fibers Single-Mode - Ø 5.10 mm

CVS LKFOHD12SM09-5



24 Fibers Single-Mode - Ø 5.10 mm

CVS LKFOHD24SM09-5



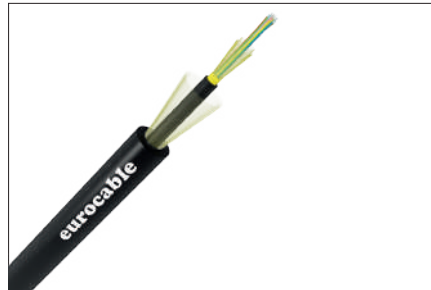
6 Fibers Single-Mode - Ø 7.10 mm

CVS LKFOHD6SM09-7



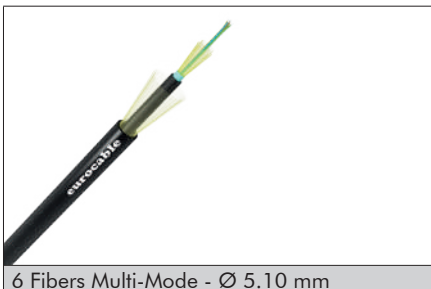
12 Fibers Single-Mode - Ø 7.10 mm

CVS LKFOHD12SM09-7



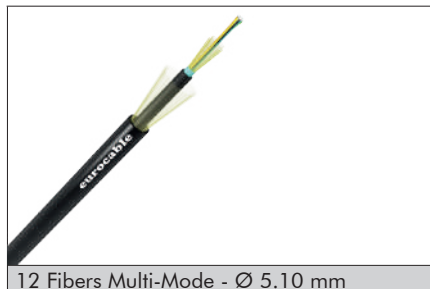
24 Fibers Single-Mode - Ø 7.10 mm

CVS LKFOHD24SM09-7



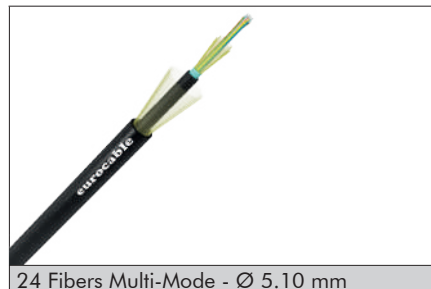
6 Fibers Multi-Mode - Ø 5.10 mm

CVS LKFOHD6MM50-5



12 Fibers Multi-Mode - Ø 5.10 mm

CVS LKFOHD12MM50-5



24 Fibers Multi-Mode - Ø 5.10 mm

CVS LKFOHD24MM50-5



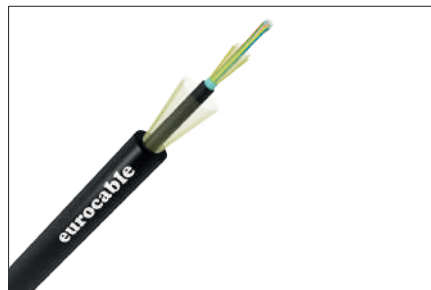
6 Fibers Multi-Mode - Ø 7.10 mm

CVS LKFOHD6MM50-7



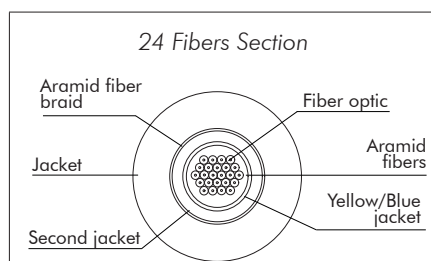
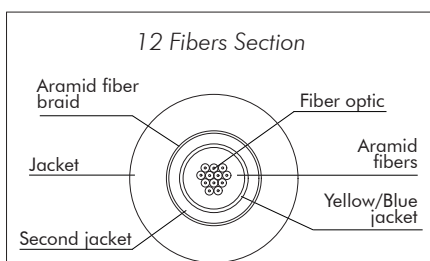
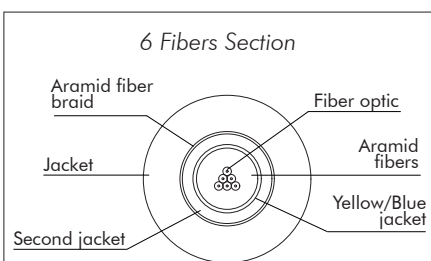
12 Fibers Multi-Mode - Ø 7.10 mm

CVS LKFOHD12MM50-7



24 Fibers Multi-Mode - Ø 7.10 mm

CVS LKFOHD24MM50-7



Hybrid Optical Cables

The new CVS LKFO4SM 8/5 hybrid cable features 4 strands of Single-mode Optical Fibre (SMF) (9/125) and 5 conductors of 10mm². Specifically designed for live entertainment and broadcast events, this addition to the **eurocable** line by Link offers users the unique ability to deliver power and any kind of signal for extended distances in harsh environments.

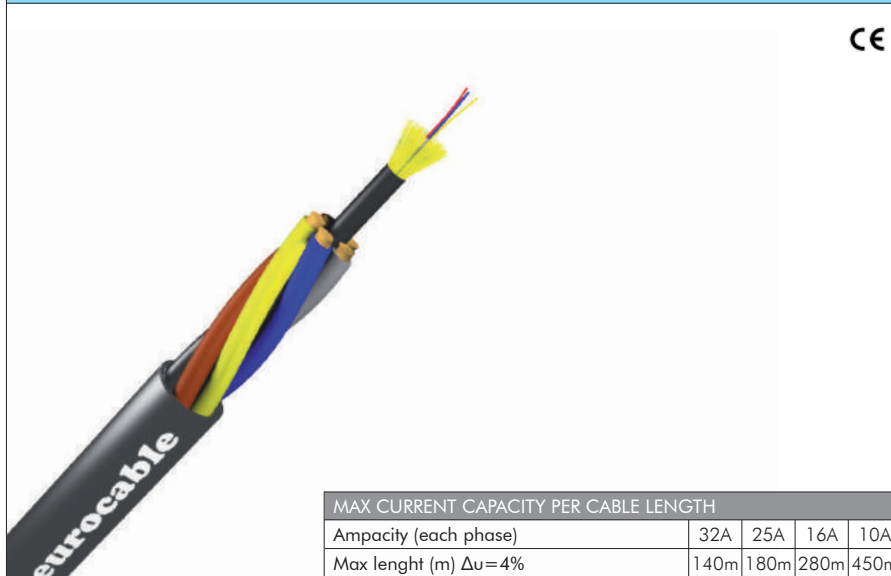
When coupled with Link's new LKO hybrid expanded beam style connector, setup time is reduced and reliability in the field is greatly improved. Designed with tactical characteristics, the LKFO4SM 8/5 cable is cut/abrasion resistant and can also be terminated to conventional fan-in/out on request.

By leveraging the optical, mechanical, and electrical expertise of our team, Link provides our clients with configurable solutions for the transport of power, Ethernet, audio, video, DMX, and GPI/O. With the addition of the DGlink mux/demux modules, we can provide up to 72 optical channels at 10Gps each.

Best Product at LDI Las Vegas

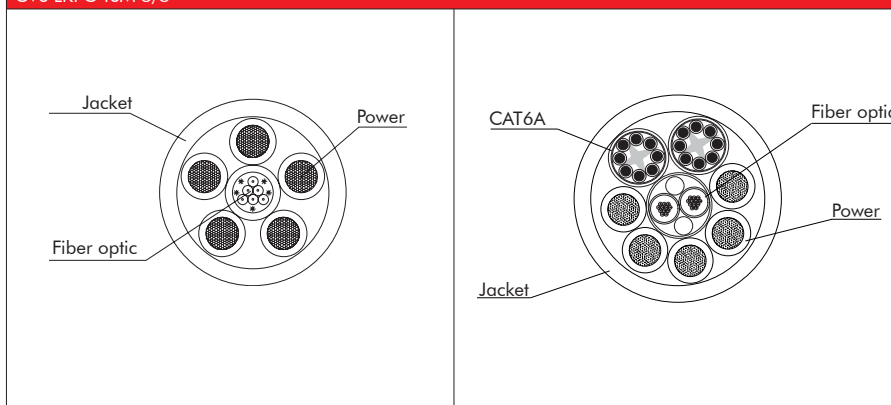


MOBILE
JACKET COLOR
FLAME RESISTANT: IEC 60332-3 CAT. "C", EN 50226-2



MAX CURRENT CAPACITY PER CABLE LENGTH				
Ampacity (each phase)	32A	25A	16A	10A
Max lenght (m) Δu=4%	140m	180m	280m	450m

CVS LKFO4SM 8/5



CVS LKFO4SM 8/5 CVS LKF012S12M 2C6 8/5

ELECTRICAL DATA	Power	SM fiber	Power	12SM+ 12MM fiber	CAT6A
D.C.R. at 20°C	< 2.14 ohm/Km	-	< 2.14 ohm/Km	-	80 ohm/Km
Operating Voltage	0.6/1KV	-	0.6/1KV	-	-
Test Voltage Cond/Cond	2000 Vca x 1'	-	2000 Vca x 1'	-	-
Attenuation	-	< 0.4 dB/Km at 1300 nm	-	SM: <0.4dB/Km at 1300nm MM: ≤3dB/Km at 850nm	-
	-	< 0.25 dB/Km at 1550 nm	-	SM: <0.25dB/Km at 1500nm MM: ≤1.5dB/Km at 1310nm	-

GENERAL DATA

Cable	O.D.		21.00 mm		28.00 mm	
		Minimum Bending Radius		11 x O.D.		15 x O.D.
Overall Jacket	Material		PVC			
	Color		Black			
Internal Jacket	Material		PVC			
Conductor	Quantity		5	4 (+2)	5	12 + 12
	Area/AWG		10 mm ² /8	-	10 mm ² /8	-
	Fillers		-	Aramid fibers	-	Aramid fibers
	Strand/Structure	Fiber type	119 x 0.30 mm	OS2 9/125 μM	119 x 0.30 mm	SM: OS2 9/125 μM MM: OM3 50/125 μM
Material		Annealed red copper	Tight Nylon 250 μM	Annealed red copper	Tight Nylon 250 μM	Red copper

Snakes




SNKO 32T4 S * M B

* Length Feet M Meters

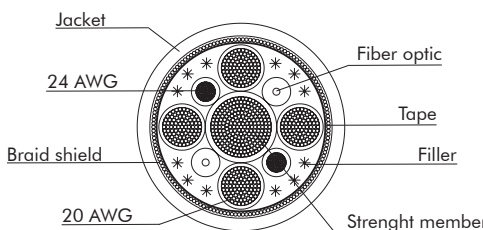
Optical Camera Cable

This Hybrid HD Camera Cable with 2 x SM 9/125 + 4 x AWG20 + 2 x AWG24, compliant with the SMPTE 311M-Standard, contains Single-Mode Optical Fibers, Auxiliary, and Signal Conductors. This robust cable allows the interconnection of cameras and base station for the simultaneous transmission of power, video, audio, and control. It is suitable for all new digital camera systems of well-known manufacturers.

MOBILE
JACKET COLOR ■
1000 m/3280 feet ON WOODEN REELS



CVS LKFOHCC



FLAME RETARDANT: IEC 60754-1, IEC 61034-1, IEC 60332-1, EN 50267-2-1, EN 50268-2-1, EN 50265-2-1
HALOGEN FREE

TECHNICAL DATA				
Optical data	Attenuation		< 0.40 dB/Km at 1310 nm	
			< 0.25 dB/Km at 1550 nm	
Electrical data at 20° C	Conductor resistance		≤ 33.0 ohm/Km (20 AWG)	
	Insulation resistance		≤ 91.0 ohm/Km (24 AWG)	
	Test voltage		≥ 500 Mohm x Km 1000 Vdc per 1 min	
GENERAL DATA				
Cable	O.D.		9.00 +/- 0.30 mm	
	Operating temperature		[-20°C +80°C]	
	Storage temperature		[-30°C +80°C]	
	Min. static bending radius		7.50 x O.D.	
	Min. dynamic bending radius		10 x O.D.	
	Weight Kg/100m		10.70	
	Max pulling force		20 N/ mm ²	
	Tensile strength		> 700 N	
Jacket	Material		Flame Retardant LSZH PUR	
	Color		Black	
	Separator		Fleece tape	
	Shield		Tinned copper braid	
	Coverage		≥ 80%	
	Bundle tape		Fleece tape	
		2 x FIBER OPTIC	4 x 0.60 mm ²	2 x 0.22 mm ²
Core/Conductor	Core/Conductor	FO single-mode (9/125)	Tinned copper	Tinned copper
		According to ITU-T G652	AWG 20	AWG 24
	Tight coating/Insulation	Polyamide	Polyolefin	Polyolefin
	Color	Blue, yellow	2 black, 2 white	Red, grey
Diameter		0.90 mm	1.50 mm	1.10 mm

Analog Video Cables



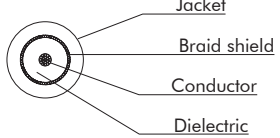
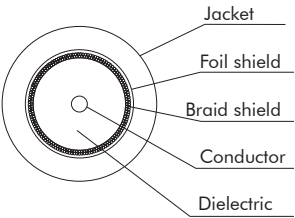
eurocable offers a wide range of video coaxial cables, suitable for all analog video transmissions.

CVS LKRG58C17

Shielded with copper braid and PVC jacketed to guarantee long life and high flexibility.

CVS LKRG59S2A

Double shielded with aluminum and red copper braids and PVC jacketed, has been developed for analog and digital video devices up to 800 MHz. Complying to BBC PSF 1/3M standard.

MOBILE	INSTALLATION/MOBILE
ANALOG	ANALOG/DIGITAL
JACKET COLOR ■	JACKET COLOR ■
1000 m/3280 feet ON WOODEN REELS	1000 m/3280 feet ON WOODEN REELS
	
CVS LKRG58C17	CVS LKRG59S2A
	

ELECTRICAL DATA			
D.C.R. at 20°C	Conductor	36.50 ohm/km	62 ohm/km
	Shield	14 ohm/km	13 ohm/km
Capacitance at 20°C		100 pF/m	67 pF/m
Nominal Impedance		50 ohm	75 ohm
Attenuation	10 MHz	4.10 db/100 m	-
	50 MHz	9.70 db/100 m	6.80 db/100 m
	100 MHz	13.90 db/100 m	-
	200 MHz	20.40 db/100 m	14.20 db/100 m
Vel. of Prop.		66%	
GENERAL DATA			
Cable	O.D.	5.00 mm	6.10 mm
	Standard reels	1000 m	
	Weight Kg/100m	4.00	4.98
	Operating temperature	-20°C/+70°C	-25°C/+80°C
Jacket	Material	PVC	Low smoke emission PVC
	Nominal Thickness	0.75 mm	0.80 mm
Shield	Material	Tinned copper	First: Aluminium-polyester-aluminium foil Second: Red copper braid
		Braid shield	
	Coverage	95%	First: 100% - Second: 83%
Conductor	Quantity	1	
	Strand	19 x 0.18 mm	1 x 0.60 mm
	Area/AWG	0.48 mm ² /25	0.28 mm ² /23
	Dielectric O.D.	2.95 mm	3.70 mm
	Material	Annealed tinned copper, polyethylene insulated	Bare copper, polyethylene insulated

Not suitable for applications above 50 volt ac; 75 volt dc.

RF Coaxial Cables



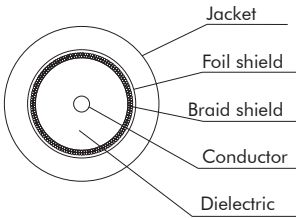
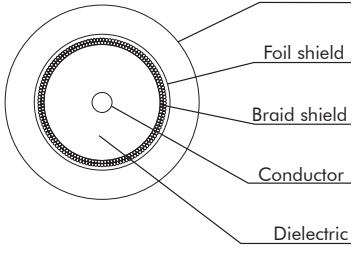
The new RG-8 type **eurocable** coaxial cables are designed for 50 Ohm radiofrequency transmission over long distances.

CVS LKRG8-7

eurocable CVS LKRG8-7 is made with a stranded copper conductor, gas-injected foam HDPE insulation, copper and polyester foil, red copper braid shield and a tough Flame Retardant Non-Corrosive PVC jacket of 7,3 mm Overall Diameter.

CVS LKRG8-10

eurocable CVS LKRG8-10 is made with a stranded copper conductor, gas-injected foam HDPE insulation, copper and polyester foil, red copper braid shield and a tough Flame Retardant Non-Corrosive PVC jacket of 10,3 mm Overall Diameter.

INSTALLATION/MOBILE	INSTALLATION/MOBILE
JACKET COLOR ■	JACKET COLOR ■
1000 m/3280 feet ON WOODEN REELS	1000 m/3280 feet ON WOODEN REELS
	
CVS LKRG8-7	CVS LKRG8-10
	
FLAME RETARDANT: IEC 60332-1, EN 60332-1	FLAME RETARDANT: IEC 60332-1, EN 60332-1

ELECTRICAL DATA			
D.C.R. at 20°C	Conductor	7.80 ohm/km	4 ohm/km
	Shield	11 ohm/km	7.40 ohm/km
Capacitance at 20°C		80 pF/m	
Nominal Impedance		50 ohm	
Attenuation	10 MHz	1.80 db/100 m	1.40 db/100 m
	50 MHz	4.30 db/100 m	3 db/100 m
	100 MHz	6.30 db/100 m	4 db/100 m
	200 MHz	9.20 db/100 m	5.70 db/100 m
Vel. of Prop.		80%	84%
GENERAL DATA			
Cable	O.D.	7.30 mm	10.30 mm
	Standard reel	500 m	
	Weight Kg/100m	7.30	14
	Operating temperature	-30°C/ +70°C	
Jacket	Material	FRNC PVC	
	Nominal Thickness	0.80 mm	1.10 mm
Shield	Material	First: Copper-polyester foil Second: Red copper braid	
	Coverage	First: 100% - Second: 72%	First: 100% - Second: 73%
	Quantity	1	
Conductor	Strand	7 x 0.65 mm	7 x 0.95 mm
	Area/AWG	2.30 mm ² /14	5 mm ² /10
	Dielectric O.D.	5 mm	7.25 mm
	Material	Red copper, polyethylene insulated	Red copper, polyethylene insulated

Not suitable for applications above 50 volt ac, 75 volt dc.

Digital Video Cables (HDTV)

eurocable HDTV cables designed following the SMPTE specs for the SDI and HDTV video distribution.

CVS LKRG59DS

Coaxial SDI-HDTV RG59 cable, maintains an exceptional Return Loss value better than the minimum SMPTE recommended level.

Also available in 4K version.









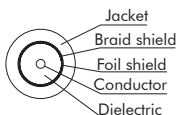
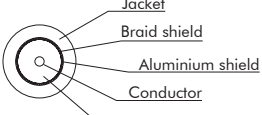
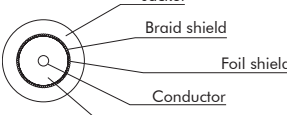
CVS LKRG6DS

Coaxial cable RG6 features a "gas injected" technology. This cable has a very low attenuation even at the highest frequencies and it is primarily indicated when the signal transmission distance to cover is considerable.

Also available the 4K version.

CVS LKRG11DSHF

Ideal for long-distance, backbone applications, with high video and audio performances for television and internet transmission. RG11 cable offers improved performances and low signal loss over a long length.

INSTALLATION	INSTALLATION	INSTALLATION
DIGITAL/HDTV	DIGITAL/HDTV	DIGITAL/HDTV
JACKET COLOR 	JACKET COLOR 	JACKET COLOR 
1000 m/3280 feet ON WOODEN REELS	1000 m/3280 feet ON WOODEN REELS	500 m/1640 feet ON WOODEN REELS
		
		
CVS LKRG59DS	CVS LKRG6DS	CVS LKRG11DSHF
		
		HALOGEN FREE

ELECTRICAL DATA			
D.C.R. at 20°C	Conductor	35 ohm/km	22.5 ohm/km
	Shield	9 ohm/km	8.3 ohm/km
Capacitance	-	53 pF/m	
Nominal Impedance		75 ohm	
Attenuation db/100 m - MHz	5.4 at 50 / 10.6 at 200 / 16.4 at 470 / 22.7 at 860 / 25 at 1000 / 29.4 at 1350 / 33.9 at 1750 / 38.1 at 2250 / 46 at 3000	8.7 at 200 / 13.2 at 470 / 18.5 at 862 / 20.2 at 1000 / 23.8 at 1350 / 25.6 at 1500 / 27.6 at 1750 / 31 at 2150 / 33.1 at 2400 / 35.9 at 2750 / 38 at 3000	0.8 at 5 / 2.8 at 50 / 5.9 at 200 / 8.9 at 470 / 12.1 at 800 / 13.5 at 1000 / 17.4 at 1500 / 21.1 at 2150 / 24.0 at 2750 / 25.4 at 3000
Vel. of Prop.	84%	84%	
GENERAL DATA			
Cable	O.D.	6.00 mm	7.00 mm
	Standard reels	1000 m	
	Weight Kg/100m	5.40	6.58
	Operating temperature	-30°C/+70°C	
Jacket	Material	Low smoke emission PVC	PVC
	Nominal Thickness	0.80 mm	0.90 mm
Shield	Material	First: Aluminium foil Second: Tinned copper braid	First: Aluminium - Polyester - Aluminium Material foil - Second: Tinned copper braid
	Coverage	First: 100% - Second: 96%	First: 100% - Second: 96%
Conductor	Quantity	1	
	Strand	1 x 0.80 mm	1 x 1.00 mm
	Area/AWG	0.50 mm ² /20	0.79 mm ² /18
	Dielectric O.D.	3.65 mm	4.60 mm
	Material	Solid bare copper, foamed polyethylene insulated	
			Red copper, foamed polyethylene insulated

Not suitable for applications above 50 volt ac; 75 volt dc.

Miniature HDTV Video Cables





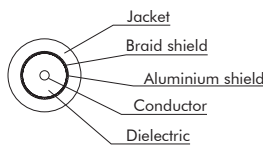
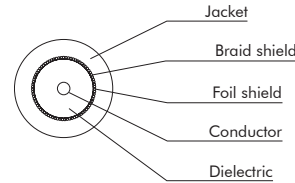
eurocable miniaturized HDTV cables are designed for video applications where the space is a critical issue.

CVS LKRG179DS

Mini coaxial cable for HDTV connections, CATV applications, computer connections, cable modems. High-frequency signal transmissions for any video applications.

CVS LKRX75S2

Low loss (0.6/2.8) digital video cable for use in HDTV distributions, offers similar characteristics of RG59DS in a smaller diameter. It's ideal for medium distance range connection. Also available the 4K version.

INSTALLATION	INSTALLATION
DIGITAL/HDTV	DIGITAL/HDTV
JACKET COLOR 	JACKET COLOR 
1000 m/3280 feet	500 m/1640 feet
ON WOODEN REELS	ON WOODEN REELS
	
CVS LKRG179DS	CVS LKRX75S2
	

4K
ON REQUEST

ELECTRICAL DATA

D.C.R. at 20°C	Conductor	244 ohm/km	62 ohm/km
	Shield	32.4 ohm/km	12.8 ohm/km
Capacitance at 20°C		54 pF/m	56 pF/m
Nominal Impedance			75 ohm
Attenuation db/100 m - MHz		1.9 at 1 / 4.3 at 5 / 4.7 at 6 / 5.1 at 7 / 6.1 at 10 / 6.7 at 12 / 16.1 at 67.5 / 16.6 at 71.5 / 18.4 at 88.5 / 19.6 at 100	7.3 at 50 / 16.9 at 230 / 21.4 at 470 / 32.9 at 1000 / 38.2 at 1350 / 41.1 at 1500 / 44.1 at 1750 / 49.7 at 2150 / 53.6 at 2400 / 61 at 3000
Vel. of Prop.		81%	78%

GENERAL DATA

Cable	O.D.	2.54 mm	4.50 mm
	Standard reels	1000 m	500 m
	Weight Kg/100m	11.30	3.00
	Operating temperature	-30°C/+70°C	
Jacket	Material	PVC	Low smoke emission PVC
	Nominal Thickness	0.15 mm	0.60 mm
Shield	Material	First: Aluminium - Polyester tape Second: Tinned copper braid	First: Aluminium - Mylar foil Second: Tinned copper braid
	Coverage	First: 100% - Second: 95%	First: 100% - Second: 93%
Conductor	Quantity	1	
	Strand	1 x 0.30 mm	1 x 0.60 mm
	Area/AWG	0.07 mm ² /29	0.28 mm ² /23
	Dielectric O.D.	1.42 mm	2.80 mm
	Material	Annealed copper polyolefine insulated	Annealed solid bare copper, foamed polyolefine insulated

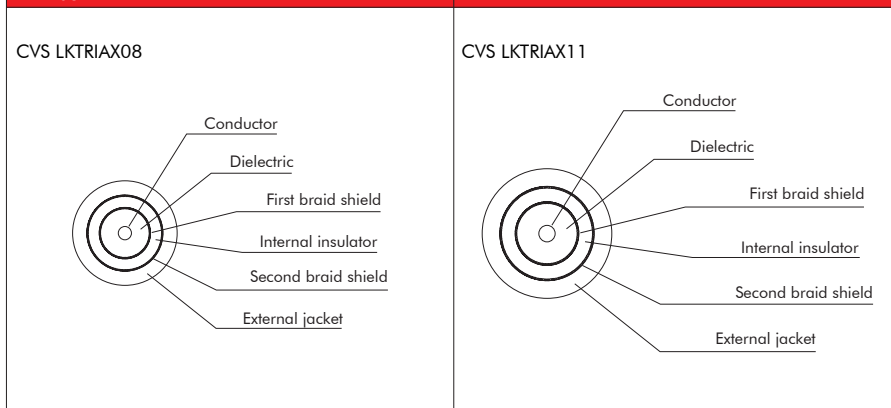
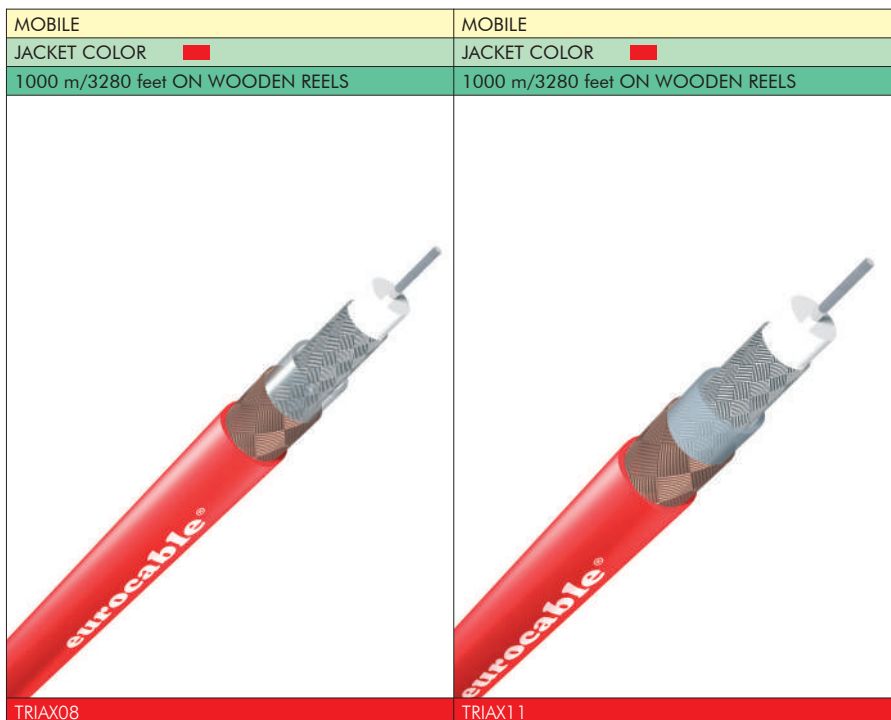
Not suitable for applications above 50 volt ac; 75 volt dc.

Triax Camera Cables

eurocable triax cables are used to connect Video Broadcast cameras.

They feature 75 ohm nominal impedance, low attenuation values at long run, long flex life jacket. This cable is available in 8 and 11 mm overall diameter versions, to be chosen depending on the distances to cover.

Available in 14 mm overall diameter on request.



CVS LKCode		TRIAx08	TRIAx11
ELECTRICAL DATA			
D.C.R. at 20°C	Conductor	< 22.40 ohm/km	< 11.50 ohm/km
	Shield	First	< 8.50 ohm/km
		Second	< 7.80 ohm/km
Capacitance	55 pF/m		
Nominal Impedance	75 ohm		
Attenuation db/100 m - MHz	1.0 at 1 / 2.0 at 5 / 2.8 at 10 / 4.0 at 20 / 5.8 at 40 / 6.4 at 50 / 7.1 at 60 / 9.1 at 100		0.6 at 1 / 1.4 at 5 / 2.0 at 10 / 2.8 at 20 / 4.0 at 40 / 4.6 at 50 / 5.0 at 60 / 6.5 at 100
Vel. of Prop.	80%		
Inductance	30 μH/100 m		
GENERAL DATA			
Cable	O.D.	8.30 mm	10.90 mm
	Standard reels	1000 m	
	Weight Kg/100m	10.50	17.80
Operating temperature	-20°C/+70°C		
Jacket	Material	PVC TM2	
	Nominal Thickness	0.55 mm	1.00 mm
Shield	Material	First: Silver plated braid shield Second: Bare copper braid shield	
	Coverage	First: 90% - Second: 90%	
Conductor	Quantity	1	
	Strand	1 x 1.00 mm	1 x 1.40 mm
	Area/AWG	0.78 mm ² /18	1.50 mm ² /16
	Dielectric O.D.	4.50 mm	6.30 mm
	Material	Silvered solid copper foamed, polyolefine insulated	

Not suitable for applications above 50 volt ac; 75 volt dc.

Power Cables

All the **eurocable** lighting power cables have been designed to maintain their integrity in the harshest of touring conditions. Their flexibility, robustness and high flame resistant rate allow ideal performances in fixed and outdoor applications.

CVS LK6/3G2.5

eurocable lighting power CVS LK6/3G2.5 (19x2.5mm²) consists of six circuits individually numbered and colored following the HD 308/2001 European standard. A unique cable specifically designed and produced for LKS and/or 19 pins lighting connectors (SOCA compatible).


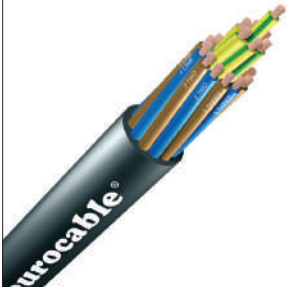

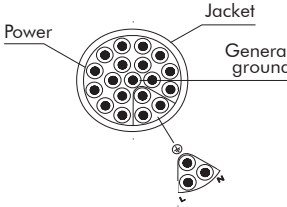
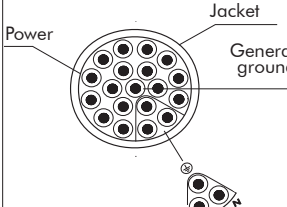
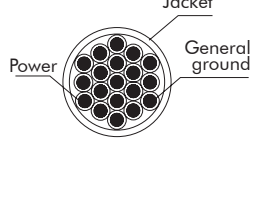
The pairs arrangement follows the standard SOCA pin assignment, making assembly operations easier and faster.

CVS LK6/3G4

Same construction as before with an enlarged section of 4 mm².

CVS LK19G1.5

eurocable CVS LK19G1.5 is realized in the lighting power cables standard configuration to offer good performances at an excellent price.

JACKET COLOR ■	JACKET COLOR ■	JACKET COLOR ■
200 m/565 feet	200 m/565 feet	200 m/656 feet
ON WOODEN REELS	ON WOODEN REELS	ON WOODEN REELS
CE	CE	CE
		
CVS LK6/3G2.5	CVS LK6/3G4*	CVS LK19G1.5
		
FLAME RESISTANT: IEC 60332-3 CAT. "C", EN 50266-2	FLAME RESISTANT: IEC 60228, EN 50363	FLAME RESISTANT: IEC 60332-3 CAT. "C", EN 50266-2

GENERAL DATA			
Cable	O.D.	18.60 mm	22.40 mm
	Standard reels	200 m	
	Weight Kg/100m	67.90	100.50
	Operating temperature	-20°C/+70°C	
Jacket	Material	PVC TM2	
	Nominal Thickness	3.00 mm	3.70 mm
Conductor	D.C.R. at 20° C	≤ 8.31 ohm/km	≤ 5.43 ohm/km
	Insulation Resistance	> 128 Mohm/km	-
	Voltage test	2500 Vc.ax5' cond/cond	3000 Vc.ax5' cond/cond
	Quantity	19	
	Strand	48 x 0.25 mm	65 x 0.25 mm
	Area/AWG	2.31 mm ² /13	3.34 mm ² /12
	Insulation O.D.	3.00 mm	3.70 mm
	Material	Annealed copper TM2 PVC flame retardant insulated	

* on request

Snakes



PD **LKD** E **B** **G** 19 02 E * **DR**
 PD **LKD** E **B** **G** 19 04 E * **DR**
 PD **LKD** E **B** **G** 19 01 E * **DR**

* Length

Power Multilines & Data

New **eurocable** hybrid smart lighting cables from Link is designed for transporting 6 circuits of 20A power and multiple data types. Intended to be used in conjunction with the new LKS DATA Connector, these new cables offer a single solution for transporting data and power to remote locations or up to the truss. Available with a number of break-in and break-out methods, as well as a complete line electronics and smart power distribution solution to provide a unified power and data backbone for your next production.

CVS LK1CAT5SF 12/14

eurocable powered hybrid 14x12AWG plus one Cat5e SFTP patch cable. Compliant to UL 2464 can be used up to 300V at up to 80° C.

CVS LK1CAT6SF 12/14

eurocable powered hybrid 14x12AWG plus one Cat6 SFTP patch cable. Compliant to UL 1581 (VW-1, FT1, FT2) can be used up to 600V at up to 90° C.



MOBILE	MOBILE		
DIGITAL	DIGITAL		
JACKET COLOR ■	JACKET COLOR ■		
152 m/500 feet ON WOODEN REELS	152 m/500 feet ON WOODEN REELS		
UL 2464 80°C, 300V	UL 1581 90°C (VW-1, FT1, FT2), 600V		
CVS LK1CAT5SF 12/14	CVS LK1CAT6SF 12/14		
<p>Power, Filler, CAT5</p>	<p>Power, Filler, CAT6</p>		
FLAME RESISTANT: IEC 60332-3 CAT. "C", EN 50266-2			
Power	CAT5 SFTP	Power	CAT6A SF/UTP

ELECTRICAL DATA					
D.C.R. at 20°C		< 5.43 ohm/Km	< 91 ohm/Km	< 5.43 ohm/Km	< 87.6 ohm/Km
Operating voltage		0.6/1 KV	-	0.6/1 KV	-
Test voltage	Conductor/Conductor	2000 Vca x 1'	1000 Vca x 1'	2000 Vca x 1'	1000 Vca x 1'
	Conductor/Shield	2000 Vca x 1'	1000 Vca x 1'	2000 Vca x 1'	1000 Vca x 1'
Nominal Impedance		110 ohm	100 ohm	110 ohm	100 ohm
Velocity of propagation Cable		-	80%	-	80%
GENERAL DATA					
Cable	O.D.	23.3 mm		24.3 mm	
	Standard reels	152 m			
	Weight Kg/100m	91.80		95	
	Operating temperature	-20°C/+80°C		-15°C/+90°C	
Overall jacket	Material	PVC compliant with UL-2464		PVC compliant with UL-1581	
	Thickness	2.3 mm		2 mm	
Jacket on single type	Material	-	PVC compliant with UL-2464	-	PVC compliant with UL-1581
	O.D.	-	6.50 mm	-	7.90 mm
Shield	Material	-	I Aluminium / polyester tape II Tinned copper braid	-	I Aluminium / polyester tape II Tinned copper braid
	Coverage	-	100% ≥ 65%	-	100% ≥ 65%
Conductor	Quantity	14	4 x 2		
	Area/AWG	3.5 mm²/12	0.22 mm²/24	3.5 mm²/12	0.22 mm²/24
	Strand	70 x 0.25 mm	70 x 0.20 mm	70 x 0.25 mm	1 x 0.53 mm
	Material	Annealed copper PVC insulated	Annealed copper foamed polyolefin insulated	Annealed copper PVC insulated	Bare copper foamed polyolefin insulated

Snakes



PD **G** **LKSSD** **BB** **E** **1** **E** ***** **04** **D** **CL** **P**

* Length

LKS Data Flat Cable

The new flat cable CVSLK1CAT5SF 14/14 has been designed for use with the LKS DATA connector equipped with backshell and cable clamp for flat cables. It allows the transport of 6 single-phase 16A power circuits and a CAT5E SFTP data cable.

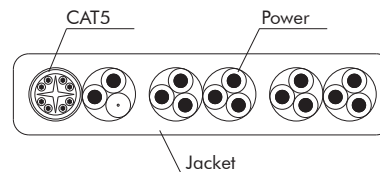
The Flat cable is particularly suitable for correct collection in contexts where motorized trusses are used, or automatic or manual handling systems that require particular cable management methods and minimum bending radius. The possibility of using a single cable to carry power and data in these contexts makes it unnecessary to pass on additional types of cables to control the devices to be reached (such as lighting fixtures, motors, etc ...), preventing cables from becoming entangled during handling.

MOBILE
DIGITAL
JACKET COLOR ■
152 m/500 feet ON WOODEN REELS

CE



CVS LKF1CAT5SF 14/14



FLAME RESISTANT: IEC 60332-1-2, IEC 60228

		Power	CAT5 SFTP
ELECTRICAL DATA			
Rated voltage		300 V	30 V
Test voltage		1500 V _{ca} x 1'	500 V _{ca} x 1'
Conductor DC resistance		8.62 ohm/Km (at 20°C)	87.6 ohm/Km (at 20°C)
Characteristic impedance		-	100 ohm (nom.)
GENERAL DATA			
Cable	Dimensions	49x10.5 mm	
	Minimum bending radius	100 mm	
	Operating temperature	-20°C/+60°C	
Jacket	Material	PVC	
	Color	Black	
Shield	Material	-	I Aluminium / polyester tape II Tinned copper braid
	Coverage	-	I 100% II 65%
Conductor	Quantity	14	4 x 2
	Strand	140 x 0.15 mm	70 x 0.20 mm
	Area/AWG	2.5 mm ² /14	0.22 mm ² / 24 AWG
	Insulation O.D.	3.2 mm	1 mm
	Material	Bare copper PVC insulated	Bare copper foamed polyolefin insulated

ULP

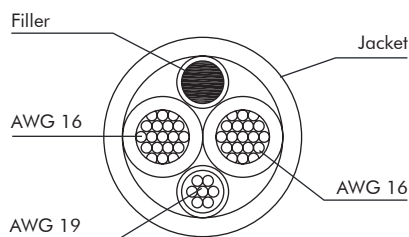
The **eurocable** ULP carries Link Power which is an Eschelon Communications, the protocol used in ETC's Unison Control Stations.

Link Power allows topology free and polarity independent wiring. This allows the installer to wire control stations in any configuration: star, bus, loop or any combination. The Link ULP cable was specifically designed to provide all conductors necessary to support Link Power.

INSTALLATION	
JACKET COLOR	■



CVS LKULP



FLAME RESISTANT: IEC 60332-3-24 CAT. "C", IEC 60332-1-2

GENERAL DATA		
Cable	O.D.	7.1 mm
	Bending Radius	8 x O.D.
	Operating temperature	-20°C / +70°C
Jacket	Material	PVC
	Nominal Thickness	0.60 mm
Conductor	Quantity	2 x AWG16 - AWG19
	Strand	AWG16: 19 x 0.30 mm - AWG19: 24 x 0.20 mm
	Area/AWG	1.5 mm ² /16 - 0.9 mm ² /19
	Insulation O.D.	2.7 mm (AWG16) - 1.8 mm (AWG19)
	Material	PVC

Chain Hoist Power and Control Cables

The **eurocable** CTL series of cables have been specially designed for the special applications of control and power "Fly" cables for chain hoists used in rigging for the entertainment industry. In accordance with ANSI E1.6-4 - 2013 / Rig/2010-2008r2, this cable has been designed without a center conductor as specified in section 8.2.4. "Due to the nature of flex and movement of the hoist power/control cable, a center conductor is subject to extreme tension and pulling forces that can lead to the failure of the hoist to operate or ungrounded conditions, depending on the pinout of the control system".

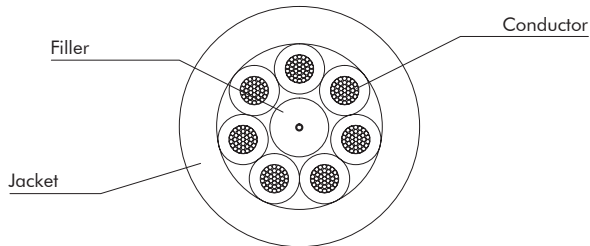
MOBILE
JACKET COLOR
305 m/1000 feet ON WOODEN REELS



CVS LKCTL 16/7



The LK Connectors LKR series of connectors are compatible with the industry standard P7 and P14 multipin connectors, and are a perfect match for this cable.



CVS LKCode		CTL 16/7	CTL 14/7
GENERAL DATA			
Cable	O.D.	14.85 mm	18.65 mm
	Standard reels	305 m	
	Weight Kg/100m	27.50	46.50
	Standard	UL SEOOW 600V 105°C / CSA STOOW 600V 105°C	
Jacket	Material	TPE	
	Nominal Thickness	2 mm	
Conductor	Quantity	7	7
	Strand	26 x 0.25 mm	41 x 0.25 mm
	Area/AWG	1.31 mm ² /16	2.08 mm ² /14
	Insulation O.D.	3.10 mm	4.35 mm
	Material	PVC (Green/Brown/Lt Blue/Yellow/Black/White-Purple/Red)	

Snakes



ME **16/7** **P7** *

ME **16/7** **P14** *

* Length

eurocable Assembled Cables



Introducing the **eurocable** range of assembled cables. Manufactured in Italy, leveraging over 3 decades of "real world" experience in live entertainment and broadcast, **eurocable** caters to the demands of the touring professional. Assembled with Neutrik connectors by our team of experts using the most advanced technologies, the **eurocable** range offers a large selection of hybrid and conventional options engineered for flexibility and durability.

Instrumental double shielded cable with Neutrik Jacks

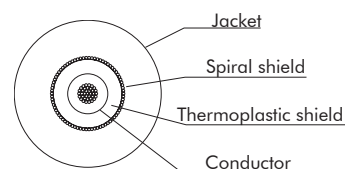
INJMSSN

Instrumental cable
Neutrik silver Jack



INJMBSN

Instrumental cable
Neutrik black Jack



Microphone cable with Neutrik Jacks or 3 pin XLR connectors

MXNESSN

Microphone cable
Neutrik XLR 3
silver/silver



MXEBSN

Microphone cable
Neutrik XLR 3
black/silver



MXEBGEN

Microphone cable
Neutrik XLR 3
black/gold



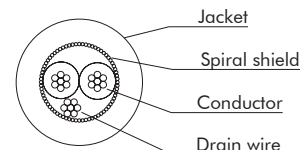
MNJMSSEN

Microphone cable
Neutrik silver Jack



MNJMBSN

Microphone cable
Neutrik black Jack



Mic double shielded cable with Neutrik 3 pin XLR connectors

MXNESSN

Mic Double-shield cable
Neutrik XLR 3
silver/silver



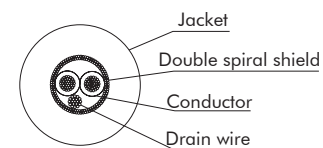
MXEBSN

Mic Double-shield cable
Neutrik XLR 3
black/silver



MXEBGSN

Mic Double-shield cable
Neutrik XLR 3
black/gold



Mic Starquad cable with Neutrik 3 pin XLR connectors

MXNESSQN

Starquad cable
Neutrik XLR 3
silver/silver



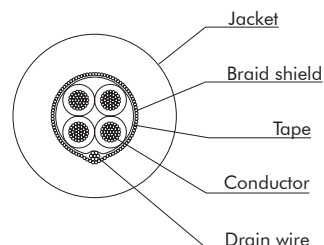
MXEBSQN

Starquad cable
Neutrik XLR 3
black/silver



MXEBGSQN

Starquad cable
Neutrik XLR 3
black/gold



Length: **3 5 10 15**

Feet Meters

With packaging, no heat shrink

No packaging, no heat shrink

No packaging, with heat shrink

With packaging and heat shrink

Also available with
Amphenol connectors

Assembled cables

Digital double shielded cable with Neutrik 3 pin XLR connectors

MNXESSDN   

Digital Double-shield cable
Neutrik XLR 3
silver/silver



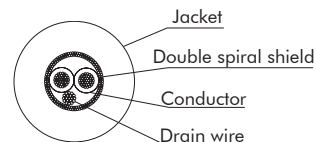
MNXEBSDN   

Digital Double-shield cable
Neutrik XLR 3
black/silver






MNXEBGDN   

Digital Double-shield cable
Neutrik XLR 3
black/gold






Speaker cable with Neutrik speakON connectors

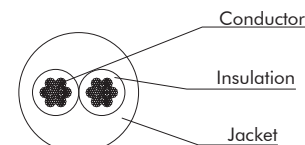
S21FX215   


Speaker cable 2x1.5 mm²
speakON 50A connectors



S21FX225   

Speaker cable 2x2.5 mm²
speakON 50A connectors



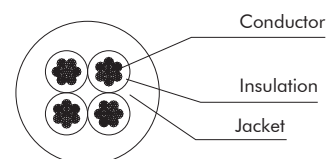
S41FX425   

Speaker cable 4x2.5 mm²
speakON 50A connectors



S41FT425   

Speaker cable 4x2.5 mm²
speakON 50A connectors



S41FX440   

Speaker cable 4x4 mm²
speakON 50A connectors



S41FT440   

Speaker cable 4x4 mm²
speakON 50A connectors



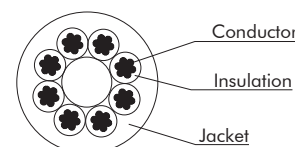
S81FC840   

Speaker cable 8x4 mm²
speakON connectors



S81FT840   

Speaker cable 8x4 mm²
speakON 50A connectors



DMX cable with 3, 4 and 5 pin XLR connectors

DNX3ESS   

DMX single pair
Neutrik XLR 3p
silver/silver



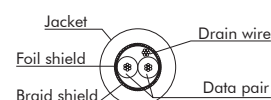
DNX3EBSS   

DMX single pair
Neutrik XLR 3p
black/silver



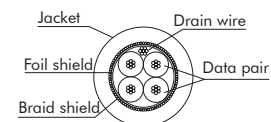
DNX5ESS   

DMX single pair
Neutrik XLR 5p
silver/silver



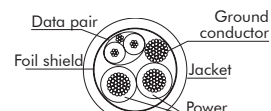
DNX5ESSD   

DMX double pair Neutrik XLR 5p
silver/silver



DNX4ESSC   


DMX single pair with 2x2 mm² power
Neutrik XLR 4p silver/silver





* Length: 3 5 10 15

 Feet  Meters

 With packaging, no heat shrink

 No packaging, no heat shrink

 No packaging, with heat shrink

 With packaging and heat shrink

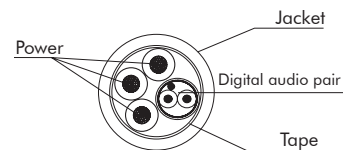
Also available with
Amphenol connectors

Assembled cables

SPKAL Speaker with power (3x1.5 or 3x2.5 mm²) cable with Neutrik powerCON and XLR connectors

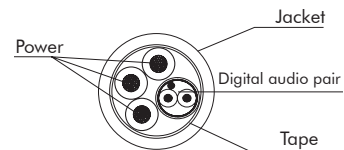
SPPX1STK1 * * □

SPKAL1-one digital audio pair and 3x1.5 mm² power cable
Neutrik powerCON and XLR black/gold



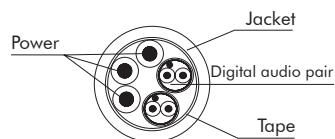
SPPX1STK2 * * □

SPKAL2-one digital audio pair and 3x2.5 mm² power cable
Neutrik powerCON and XLR black/gold



SPPX2STK4 * * □

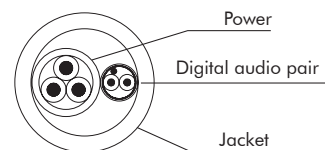
SPKAL4-two digital audio pairs and 3x2.5 mm² power cable
Neutrik powerCON and 2 XLR black/gold



Audio with power (3x1.5 mm²) cable with Neutrik powerCON and XLR connectors

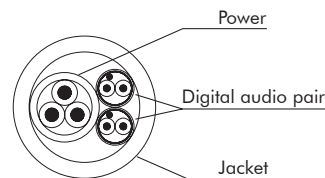
SPPX1STD1 * * □

A D1P1-one digital audio pair and 3x1.5 mm² power cable
Neutrik powerCON and XLR black/gold



SPPX2STD2 * * □

AD2P1-two digital audio pairs and 3x1.5 mm² power cable
Neutrik powerCON and 2 XLR black/gold



CAT 5 and 6 Ethernet cables

ER5N5S5E * * □

CAT5E
etherCON NE8MC-1



ER5N5B5E * * □

CAT5E
etherCON NE8MC-B-1



ER5R5P5E * * □

CAT5E
RJ45/RJ45



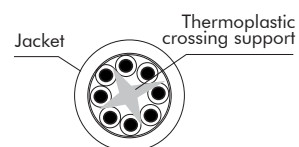
ER5H5S5E * * □

CAT5E
etherCON
NE8MC-1/RJ45



ER5H5B5E * * □

CAT5E
etherCON
NE8MC-B-1/RJ45



* Length: **3 5 10 15**

■ Feet

■ Meters


□ With packaging, no heat shrink

■ No packaging, no heat shrink

□ No packaging, with heat shrink

■ With packaging and heat shrink


Assembled cables

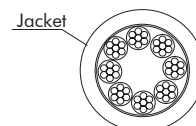
ER5N5S5P * * 
CAT5E SF P
etherCON NE8MC-1



ER5N5B5P * * 
CAT5E SF P
etherCON NE8MC-B-1




ER5R5P5P * * 
CAT5E SF P
RJ45/RJ45



ER5H5S5P * * 
CAT5E SF P
etherCON
NE8MC-1/RJ45




ER5N5B5P * * 
CAT5E SF P
etherCON
NE8MC-B-1/RJ45



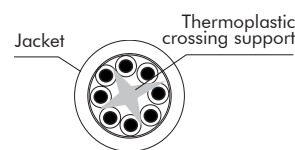
ER6N5S6U * * 
CAT6A UTP
etherCON NE8MC-1




ER6N5B6U * * 
CAT6A UTP
etherCON NE8MC-B-1



ER6R5P6U * * 
CAT6A UTP
RJ45/RJ45



ER6H5S6U * * 
CAT6A UTP
etherCON
NE8MC-1/RJ45




ER6H5B6U * * 
CAT6A UTP
etherCON
NE8MC-B-1/RJ45




ER6N5S6S * * 
CAT6A STP
etherCON NE8MC-1



ER6N5B6S * * 
CAT6A STP
etherCON NE8MC-B-1



ER6R5P6S * * 
CAT6A STP
RJ45/RJ45



ER6H5S6S * * 
CAT6A STP
etherCON
NE8MC-1/RJ45




ER6H5B6S * * 
CAT6A STP
etherCON
NE8MC-B-1/RJ45



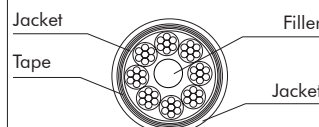
ER6N5S6X * * 
CAT6 UTP P
etherCON NE8MC-1



ER6N5B6X * * 
CAT6 UTP P
etherCON NE8MC-B-1




ER6R5P6X * * 
CAT6 UTP P
RJ45/RJ45



ER6H5S6X * * 
CAT6 UTP P
etherCON
NE8MC-1/RJ45




ER6H5B6X * * 
CAT6 UTP P
etherCON
NE8MC-B-1/RJ45





* Length: 3 5 10 15

 Feet  Meters

 With packaging, no heat shrink

 No packaging, no heat shrink

 No packaging, with heat shrink

 With packaging and heat shrink

Cable reels HD Series

Especially designed to minimize cable stress, the HD cable reels are particularly useful in live applications where quick and easy winding and unwinding are required. Sturdily constructed, they enable cables to be neatly and safely stored away. Ideal for OB Van applications, available on wheels or in flight-cases.



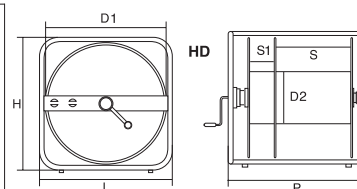
HD Series

This range of cable reels features rubber supports making them stackable to save space both when in use and during storage.



AV HD 600 with FLY HD600

From the HD cable reels range, the new HD 600 can carry up to 100 meters of 48, 56 or 64 pairs cables.



How choose your cable reel holder according to cable size:

$$L = \frac{K}{D^2} \times 1.000$$

L = Cable length (m)

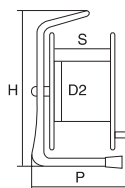
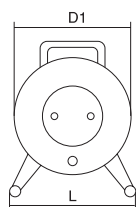
D = Overall diameter (mm)

K = see table

AV Code	HD 260	HD 350	HD 500	HD 600 R	HD 600	FS 350	FS 500	FS 600 R	FS 600
DIMENSIONAL DATA									
Length mm						800	900	1100	1500
K mm ³	24.6	33.3	47.5	71.1	94.77	-	-	-	-
D1 mm	400			600		-	-	-	-
D2 mm	160			250		-	-	-	-
S/S1	260/90	350/90	500/90	400/95	600/100	-	-	-	-
H mm	450			640	650	-	-	-	-
P mm	440	530	680	600	800	-	-	-	-
L mm	450			650		-	-	-	-
Weight Kg	14	15	16	28	32	-	-	-	-
Packaging dimensions cm	46.5x50x46.5	53.5x49x46.5	68x49x46	70x69x70	81x69x68	-	-	-	-

Cable reels SP Series

Manufactured in plastic and special rubber, they meet all safety and quality requirements. All cable reels are equipped with brake.



AV GT Series



AV Code	AX100	SP380	GT310RM	GT380RM	GT450	GT450.OFFEN
GENERAL DATA						
Material	Thermoplastic					
DIMENSIONAL DATA						
K mm ³	4.00	11.70	-	-	17.50	17.50
D1 mm	264	385	310	380	445	445
D2 mm	135	178	170	236	296	296
S mm	110	142	132	182	187	187
H mm	365	450	367	491	555	555
P mm	200	200	229	291	312	310
L mm	280	325	263	310	345	345
Weight Kg	1.30	3.50	1.60	3.90	5.60	5.10
Packaging dimensions cm	38 x 21.5 x 29	45 x 24.5 x 39	45 x 33 x 32	61 x 43.5 x 40	56 x 34 x 46	56 x 34 x 46

AV Code	FS 350	FS 500	SC 170	KOMB 450	Komb SO
Description	Cable restraining strap. Velcro stop length 80 cm	Cable restraining strap. Velcro stop length 90 cm	Cable support flange for AV SP380	Side lid for AV GT450	Cable support flange for items AV SP380 and AV SK460

Code	PFAV1X04	PFAV2X12	PFAV3X24
Description	Side panel for AV AX100 for 4 XLRs	Side panel for AV SP380 for 12 XLRs	Side panel for AV GT450 for 24 XLRs

Metric²/AWG Wire Size Equivalentents

In Europe, wire and cables are expressed in mm² (cross sectional area), while in USA the AWG (American Wire Gauge) is the standard system used for both solid and strand conductors. See the cross reference scheme below.

AWG	32	30	28	26	24	22	21	20	18	17	16	14	13	12	11	10	8	6	4	2	1	2/0	3/0	4/0
mm ²	0.032	0.051	0.081	0.13	0.20	0.33	0.41	0.52	0.82	1.04	1.31	2.08	2.62	3.31	4.17	5.26	8.37	13.3	21.2	33.6	42.4	67.4	85	107

Cross references refer to solid copper wire. For stranded conductors a range of values must be considered i.e. AWG 24 stranded conductors are comprised between a range of 0.20 mm² and 0.24 mm².

Conductor Resistance

mm ²	0.03	0.05	0.08	0.14	0.22	0.34	0.38	0.50	0.75	1.50	2.50	4.00
Ohm/km	578	350	232	146	76.40	55	44	34.50	23	14.70	8.80	4.50

Capacity Reference Table for **eurocable** Reels

Cable O.D.(mm)	4	6	8	10	12	15	18	20	22	24	26	28	30	32
AV AX100	250	111	63	40	28									
AV SP380	731	325	183	117	81	52	36	29						
AV SP450			227	145	101	64	45	36	30	25				
AV SK460				180	125	80	56	45	37	31	27			
AV GT310RM	398	166	84	64	39	22								
AV GT380RM	740	319	170	114	82	43	29	24						
AV HD260				246	171	109	76	62	51	43	36	31	27	24
AV HD350					231	148	102	83	69	58	49	42	37	32
AV HD500						211	146	119	98	82	70	60	53	46
AV HD600											140	120	105	92
AV HD600 R											100	90	75	65

Capacity table for cable reels, based on O.D. of the cable used. Measure the O.D. (mm) of your cable to choose the appropriate cable reel. The above values are expressed in meters.



eurocable