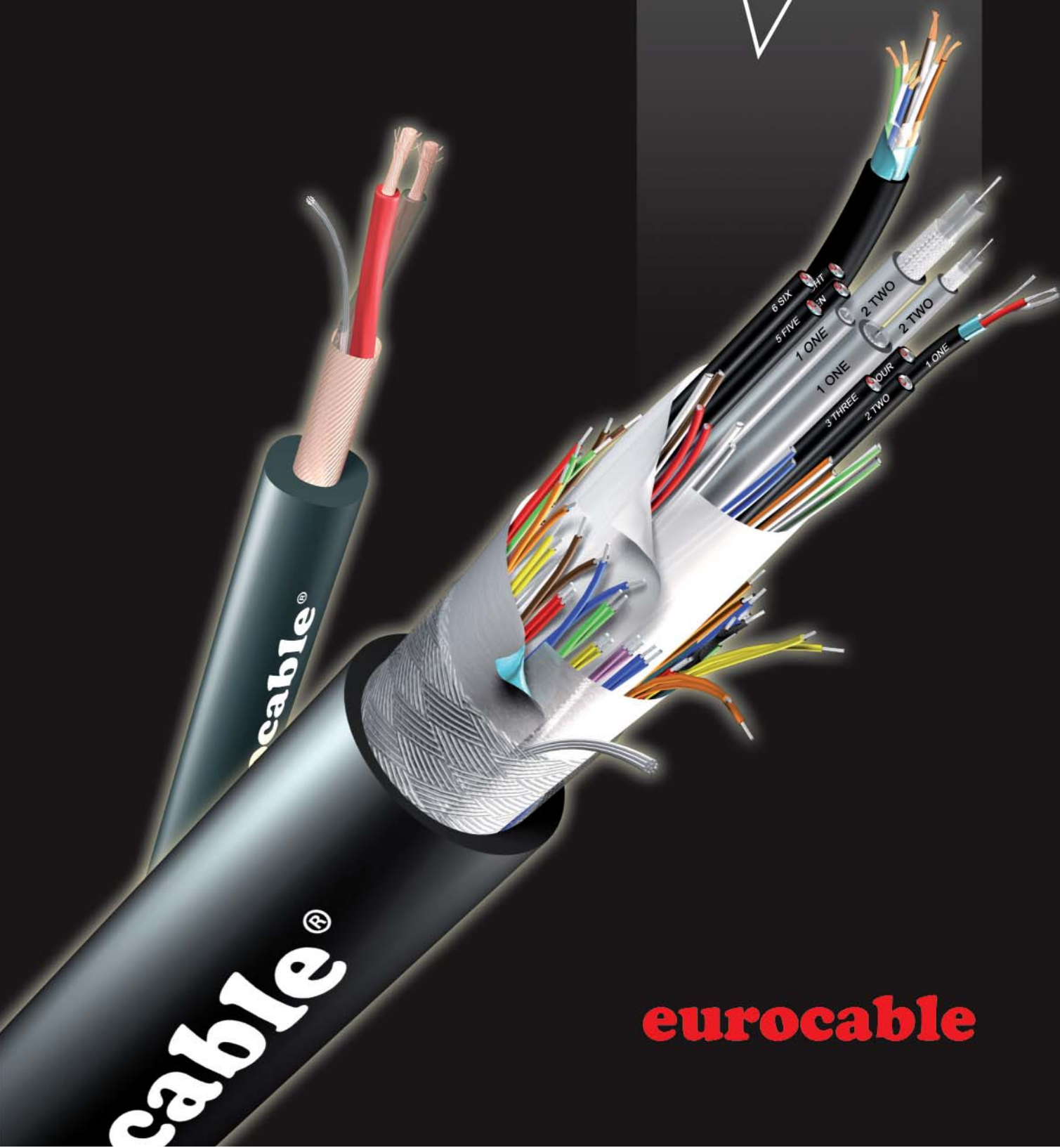


Link



eurocable

Since the foundation in 1987, Link has focused on manufacturing and distributing a complete range of cables, connectors, and accessories dedicated to the entertainment industry.

Fascinated by the possibility of solving complex interconnection problems, our intent was to develop a team of specialists and a range of products specifically engineered to meet the demands of the market we serve.

Our idea has now grown into an organization dedicated to supplying customers with the highest quality products and services.

Link's team of distributors and manufacturers representatives enables us to offer tailor made support to our customers in all parts of the world.

MADE IN ITALY



Link

eurocable

Musical Instrument Cable	2
Wiring Cables	3
Microphone Cables	4
Double Shielded Microphone Cable/Starquad Cable	5
Audio AES/EBU Cables	6
SCSI Cables	7
SSA Aluminium Foil Shield Multipair	8
SSAD AES/EBU Aluminium Foil Shield Multipair	9
SSADU AES/EBU and CAT 6 Audio Multipair	10
SS Spiral Copper Shield Multipair	11
SSS Spiral Copper Shield Multipair	12
Speaker Cables	13
Audio and Power Speaker Cables	14
Multisignal Speaker Cables	15
Multicore Speaker Cables	16
Multicore Speaker Cables	17
Analog Video Cables	18
Analog/Digital Video Cables	19
Digital Video Cables (HDTV)	20
Triax Camera Cables	21
Analog Multi Coax Video Cables	22
Analog Multi Coax Video Cables	23
Eng Cables	24
DMX Cables	25
CAT 5 Cables	26
CAT 6 Cables	27
Multisignal CAT Cables	28
Power Cable	29
Fiber Optic Cable	30
ULP	30
Cable Reels HD/SP Series	31
Technical Data	32

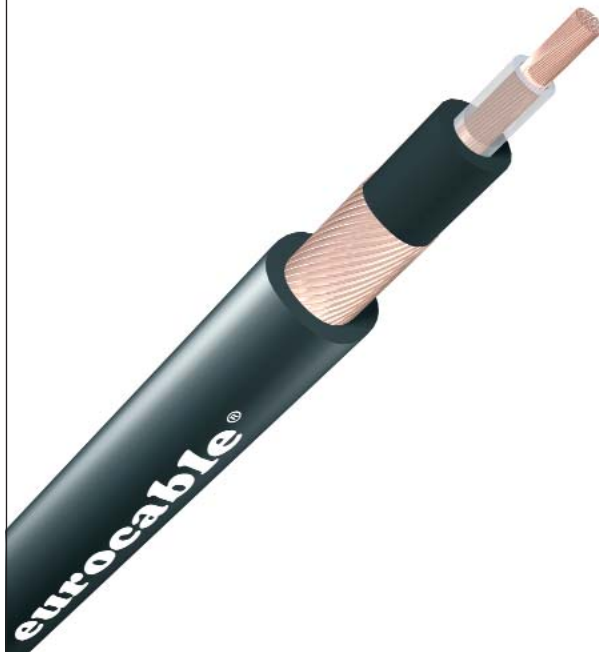
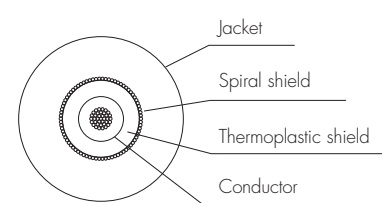
eurocable®

Edition Year 2010

Ask for other catalogues
or visit our web sites

Musical Instrument Cable

eurocable single conductor cable mainly used for the connection of unbalanced musical instruments. This cable gives superior performance with its special double shield (spiral plus thermoplastic shield) that provides an 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.




JACKET COLOR	■
100 m ON CARDBOARD REELS	
MOBILE	
	
	
CVS LK 01N6S2 <ul style="list-style-type: none"> • Excellent insulation to prevent microphone effect. • High temperature resistance. • Thermoplastic shield. 	

ELECTRICAL DATA			
D.C.R. at 20°C	Conductor		$\leq 78 \text{ ohm/km}$
	Shield		$\leq 50 \text{ ohm/km}$
Capacitance	CDR/CDR 1 KHz		-
	CDR/SDR 1 KHz		130 pF/m
Nominal Impedance	1 KHz		360 ohm/100 m
Attenuance	1 KHz		0.25 db/100 m
Inductance			$< 16 \text{ } \mu\text{H}/100 \text{ m}$
GENERAL DATA			
Cable	O.D.		6.00 mm
	Standard reels		100 m
	Weight		3.50 Kg/100 m
	Operating temperature		-5° C/+70° C
Jacket	Material		PVC
	Nom. Thick.		1.7 mm
Shield (double)	Material		Conductive graphite + Spiral bare copper shield
	Coverage		100% + 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

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

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. They consist of two insulated twisted conductors and drain wire. Highly efficient shielding from hum, noise and radio interference is guaranteed.



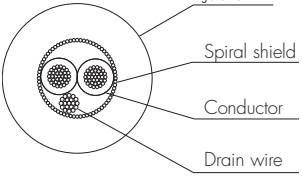
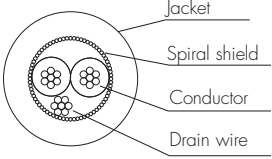
FLAME RETARDANT: IEC 60332-3 CAT. "C", IEC 60754-1, IEC 60754-2, EN 50266-2, EN 50267-2-1, EN 50267-2-2	FLAME RETARDANT: IEC 60332-3 CAT. "C", EN 50266-2	FLAME RETARDANT: IEC 60332-3 CAT. "C", EN 50266-2
JACKET COLOR ■■■	JACKET COLOR ■■■	JACKET COLOR ■■■
500 m ON WOODEN REELS	200 m ON CARDBOARD REELS	200 m ON CARDBOARD REELS
INSTALLATION	INSTALLATION	INSTALLATION
HALOGEN FREE		
		
CVS LK 02N3HF	CVS LK 02N3R	CVS LK 02N2A
<ul style="list-style-type: none"> Aluminium/mylar foil plus spiral bare copper shield. 	<ul style="list-style-type: none"> Ideal for applications where flame retardant characteristics are specifically required. Excellent flexibility. Spiral bare copper shield. 	<ul style="list-style-type: none"> Minimal outer diameter. Both the jacket and aluminium foil shield can be easily removed thus speeding up installation time. Aluminium/mylar foil shield.

ELECTRICAL DATA				
D.C.R. at 20°C	Conductor	85 ohm/km	75 ohm/km	65 ohm/km
	Shield	30 ohm/km	25 ohm/km	260 ohm/km
Capacitance	CDR/CDR 1 KHz	140 pF/m	80 pF/m	100 pF/m
	CDR/SCR 1 KHz	250 pF/m	160 pF/m	300 pF/m
Nominal Impedance 1 KHz		500 ohm/100 m	600 ohm/100 m	
Attenuance 1 KHz		0.24 db/100 m	0.5 db/100 m	
Induttance		70 µH/100 m	< 58 µH/100 m	
GENERAL DATA				
Cable	O.D.	3.50 mm	3.70 mm	3.10 mm
	Standard reels	500 m	200 m	
	Weight	2.30 Kg/100 m	2.20 Kg/100 m	1.40 Kg/100 m
	Operating temperature	-20° C/+80° C		
Jacket	Material	Low smoke emission technopolymer		
	Nom. Thick.	0.50 mm	0.65 mm	0.30 mm
Shield	Material	Alumynium/polyester tape + Tinned copper spiral shield	Bare copper spiral shield	Alumynium/polyester tape
	Coverage	100% + 95%	95%	100%
Conductor	Qty	2		
	Strand	28 x 0.10 mm	30 x 0.10 mm	7 x 0.20 mm
	Area/AWG	0.22 mm²/24		
	Insul. O.D.	1.00 mm	1.10 mm	1.00 mm
	Material	Annealed bare copper polyolefine insulated		
		Bare copper polyethylene insulated		

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

Microphone Cables

eurocable microphone series cables have been designed for rugged applications, are anti-trampling, while preserving high flexibility and long flex life in a wide range of conditions, even at temperatures below 0°C. They consist of two insulated twisted conductors and drain wire, all shielded with a high density spiral copper for highly efficient shielding from hum, noise, radio interference and electromagnetic fields. The insulation is made from high quality polyethylene which does not shrink, nor misshape at high temperatures when soldering.

JACKET COLOR ■ ■ ■ ■ ■ ■ ■ ■	JACKET COLOR ■ ■ ■ ■ ■ ■ ■ ■
200 m ON CARDBOARD REELS	100 m ON CARDBOARD REELS
MOBILE	MOBILE
	
	
CVS LK 02N4.5	CVS LK 02N6E
<ul style="list-style-type: none"> • Suitable for Bantam patch cords. • Minimal outer diameter. 	<ul style="list-style-type: none"> • Suitable for long runs in live applications. • Extra-flexible PVC jacket.



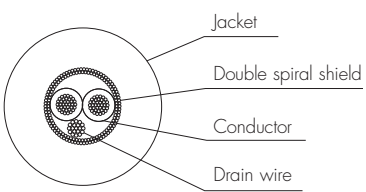
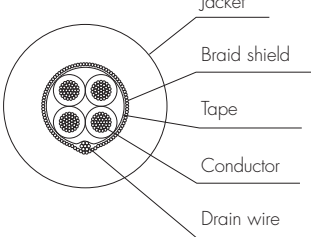
CVS LK Code		02N4.5	02B4.5	02G4.5	02R4.5	02V4.5	02Y4.5	02N6E	0286E	02G6E	02R6E	02V6E	02Y6E
ELECTRICAL DATA													
D.C.R. at 20°C	Conductor	<= 78 ohm/km											
	Shield	<= 39 ohm/km											
Capacitance	CDR/CDR 1 KHz	160 pF/m											
	CDR/SDR 1 KHz	80 pF/m											
Nominal Impedance 1 KHz		450 ohm/100 m						600 ohm/100 m					
Attenuance 1 KHz		0.50 db/100 m											
Inductance		< 58 µH/100 m											
GENERAL DATA													
Cable	O.D.	4.50 mm						6.00 mm					
	Standard reels	200 m						100 m					
	Weight	2.80 Kg/100 m						4.60 Kg/100 m					
	Operating temperature	-5° C/+70° C											
Jacket	Material	PVC											
	Color	Black	Blue	Grey	Red	Green	Yellow	Black	Blue	Grey	Red	Green	Green
	Nom. Thick.	1.0 mm						1.8 mm					
Shield	Material	Bare copper Spiral shield plus 20 AWG tinned copper drain wire											
	Coverage	100%											
Conductor	Qty	2											
	Strand	30 x 0.10 mm											
	Area/AWG	0.22 mm²/24											
	Insul. O.D.	1.10 mm											
	Material	Bare copper polyethylene insulated											

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

Double Shielded Microphone Cable/Starquad Cable

eurocable double shielded cable maintains the same basic properties of flexibility and high temperature resistance of the standard microphone cable while supplying excellent performance, and superior rejection of hum, noise and radio-interference.

eurocable Starquad features a balanced quad structure specifically designed to minimize hum and noise, obtaining the best performance from the cable and a better RF-rejection. Suitable for long run applications and where maximum definition of recorded sound is of critical importance. Connection is made by linking the opposite poles (same colors) to the Hot and Cold of the signal.

JACKET COLOR ■	JACKET COLOR ■
100 m ON CARDBOARD REELS	100 m ON CARDBOARD REELS
MOBILE	INSTALLATION/MOBILE
	
	
CVS LK 02N652	CVS LK 04N7
<ul style="list-style-type: none"> • Excellent flexibility. • Double spiral bare copper shield. 	<ul style="list-style-type: none"> • Excellent frequency response. • Tinned copper braid shield.


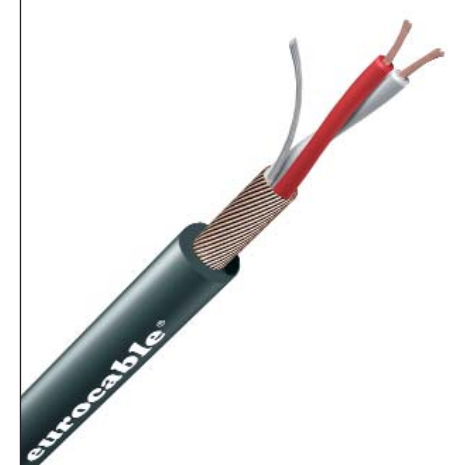
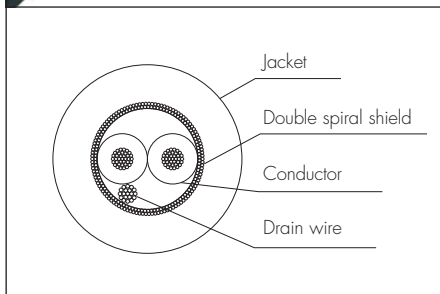
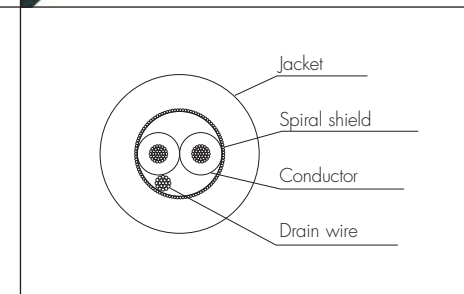
ELECTRICAL DATA			
D.C.R. at 20°C	Conductor	<= 78 ohm/km	<= 78 ohm/km
	Shield	<= 20 ohm/km	<= 20 ohm/km
Capacitance	CDR/CDR 1 KHz	160 pF/m	25 pF/m
	CDR/SDR 1 KHz	70 pF/m	80 pF/m
Nominal Impedance 1 KHz		600 ohm/100 m	110 ohm/100 m (55 Quad. com.)
Attenuance 1 KHz		0.50 db/100 m	3.8 - 6.7 db/100 m
Inductance		< 58 µH/100 m	-
Vel. of Prop.		-	66%
GENERAL DATA			
Cable	O.D.	6.00 mm	7.00 mm
	Standard reels	100 m	100 m
	Weight	4.90 Kg/100 m	6.0 Kg/100 m
	Operating temperature	-5° C/+70° C	Fixed installation -20° C/+70° C/Mobile installation 5° C/+70° C
Jacket	Material	PVC/Double jacket	PVC
	Nom. Thick.	1.8 mm (Total)	1.40 mm
Shield (double)	Material	First and second shield: bare copper Spiral shield plus 24 AWG tinned copper drain wire	Tinned copper braid shield plus 24 AWG tinned copper drain wire
	Coverage	95% + 95%	> 90%
Conductor	Qty	2	4
	Strand	30 x 0.10 mm	30 x 0.10 mm
	Area/AWG	0.22 mm²/24	0.22 mm²/24
	Insul. O.D.	1.10 mm	1.40 mm
	Material	Bare copper polyethylene insulated	Bare copper foamed polyethylene insulated

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

Audio AES/EBU Cables

eurocable digital cables are engineered for the connection of digital audio equipment well within the standards set by AES/EBU. Featuring 110 ohm nominal impedance and extremely low capacitance these cables carry high quality digital audio signal. The high Velocity of Propagation shortens signal delay, providing error-free transmissions over extended distances.

The material utilized guarantees high flexibility and long flex life, as demanded by professional audio applications.

DIGITAL	DIGITAL
JACKET COLOR ■■■	JACKET COLOR ■■■
100 m ON CARDBOARD REELS	100 m ON CARDBOARD REELS
MOBILE	INSTALLATION
	
	
CVS LK D2N6S2	CVS LK D2N4.5
<ul style="list-style-type: none"> • High-level protection from EMI/RFI. • High quality polyethylene insulation. • Two high-density spiral bare copper shields. 	<ul style="list-style-type: none"> • Small gauge size (4.5 mm). • 110 ohm polyethylene foam insulation. • Bare copper spiral shield.

ELECTRICAL DATA			
D.C.R. at 20°C	Conductor	75 ohm/km	<= 130 ohm/km
	Shield	20 ohm/km	<= 25 ohm/km
Capacitance	CDR/CDR 1 KHz	40 pF/m	<= 40 pF/m
	CDR/SDR 1 KHz	85 pF/m	<= 80 pF/m
Nominal Impedance 3 - 8 Mhz		110 ohm/100 m	
Attenuance 3 - 8 Mhz		3.7 - 5.9 db/100 m	5.9 - 8.8 db/100 m
Vel. of Prop		80%	
GENERAL DATA			
Cable	O.D.	6.00 mm	4.50 mm
	Standard reels	100 m	
	Weight	5.00 Kg/100 m	2.60 Kg/100 m
	Operating temperature	-30° C/+60° C	-20° C/+70° C
Jacket	Material	PVC	
	Nom. Thick.	1.00 mm	0.6 mm
Shield	Material	Double bare copper spiral shield	Bare copper spiral shield
	Coverage	90% + 90%	90%
Conductor	Qty	2	
	Strand	30 x 0.10 mm	18 x 0.10 mm
	Area/AWG	0.22 mm²/24	0.14 mm²/26
	Insul. O.D.	2.10 mm	1.50 mm
	Material	Bare copper polyethylene insulated	Bare copper foamed polyethylene insulated

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

SCSI Cables




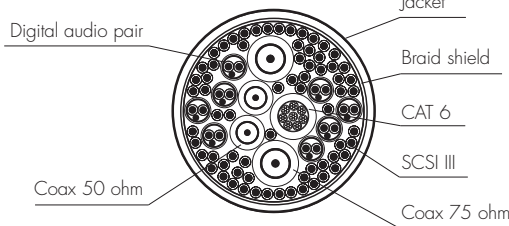
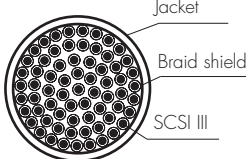
The new **eurocable** products for audio arenas are two cables, a 34 pairs SCSI ultraflex jacket and a multisignal cable specifically designed for Yamaha PM1D digital audio system, to integrate the Link copper interface system between CS1D console and DSP1D unit. Both cables ensure a long flex life even in mobile applications. Also available on request in flame retardant (IEC 60332-1) and halogen free (IEC 60754-1) version.

CVS LK YMHPMDD

Wired with a 138 pins plus 2 coax contacts exclusive LK Connector, carries as many as 34 SCSI pairs for digital I/O, two 50 ohm coax cables for control I/O, two 75 ohm coax for the word clock control, one CAT 6 cable and eight digital audio pairs for returns.

CVS LK YMHSCSI

Replacing the D-Sub 68 pins half pitch SCSI connector, a 72 pin bayonet connector made by LK Connectors has been designed. Two systems can be used for redundant connection.

DIGITAL	
JACKET COLOR 	
500 m ON WOODEN REELS	
MOBILE	
	
 <p>Link has designed an interface for the “live” connection of the PM1D System that will guarantee an easy and safe connection on each setup.</p>	
	
CVS LK YMHPMDD <ul style="list-style-type: none">• 34 pairs 26 AWG SCSI III cable, 2 coax 50 ohm, 2 coax 75 ohm, 8 digital audio pairs, 1 CAT 6 cable.	CVS LK YMHSCSI <ul style="list-style-type: none">• 34 pairs 26 AWG SCSI III cable.

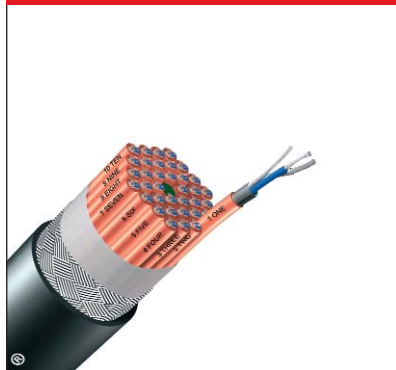
ELECTRICAL DATA								
	CVS LK YMHPMDD	Coax 50 ohm	Coax 75 ohm	Audio pair 2x26 AWG	Cat.6	SCSI Pair 2x26 AWG	CVS LK YMHSCSI	
D.C.R. at 20°C Conductor	-	53 ohm/km	204 ohm/km	<143 ohm/km	80 ohm/km	<143 ohm/km	-	
Capacitance 1 Khz pF/m	-	75	60	45	50	30	-	
Nominal Impedence ohm	-	50	75	110	100	140	-	
Attenuance db/100m @ MHz	-	3.4 @ 10	7.5 @ 10	14 @ 10	30.9 @ 250	5.9 @ 100	-	
Vel. of Prop.	-	82%	80%	-	66%	80%	-	
GENERAL DATA								
Cable	O.D.	25.6 mm	-				15.1	
	Standard reels	500 m	-				500 m	
	Operating Temp.	-20° C/+ 70° C						
Jacket	Material	PVC						
Shield	Material	1) Al polyester tape 2) Tinned copper braid	Tinned copper braid		Aluminium foil	-	1) Al polyester tape 2) Tinned copper braid	
	Coverage	100% + 77%	95%		100%	-	100% + 95%	
Conductor	Material	-	Annealed tinned copper			Annealed copper	Annealed tinned copper	-
	Strand	-	19 x 0.16 mm	1 x 0.35 mm	7 x 0.16 mm	1 x 0.58 mm	7 x 0.16 mm	-
	Area/AWG	-	0.34 mm²/22	0.10 mm²/27	0.14 mm²/26	0.22 mm²/24	0.14 mm²/26	-


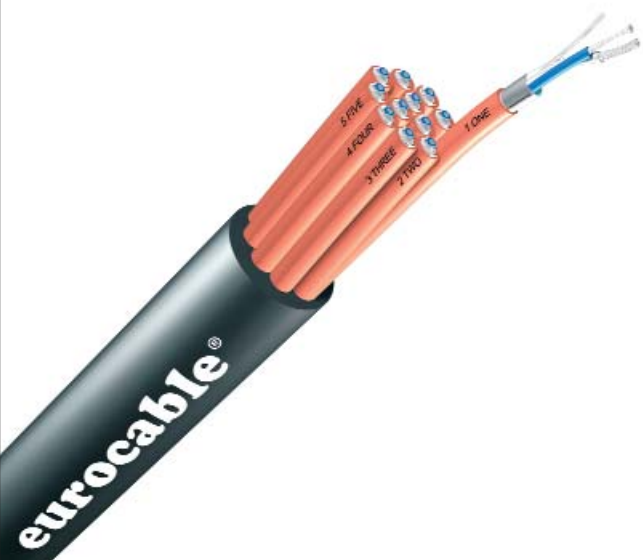
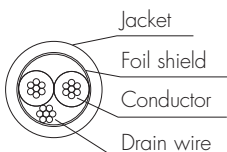
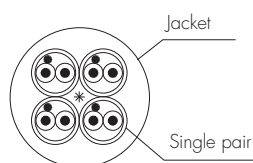
Not suitable for applications above 50 volt ac; 75 volt dc.

SSA Aluminium Foil Shield Multipair

The **eurocable** SSA features for each pair an aluminium/mylar foil shield with drain wire inside the foil for easier installation. All pairs are individually shielded, twisted and identified by numbers and letters. Available from 2 to 64 pairs.

The aluminium shielded multipair range is also available on request with braid tinned copper overall shield (SSAS)



FLAME RETARDANT: IEC 60332-3 CAT. "C", EN 50266-2	
JACKET COLOR 	
200/500 m ON WOODEN REELS	
INSTALLATION/MOBILE	
	
	
SINGLE PAIR	CVS LKSSA04C
Each pair consists of two insulated twisted conductors and drain wire, aluminium/mylar foil shield and jacket.	

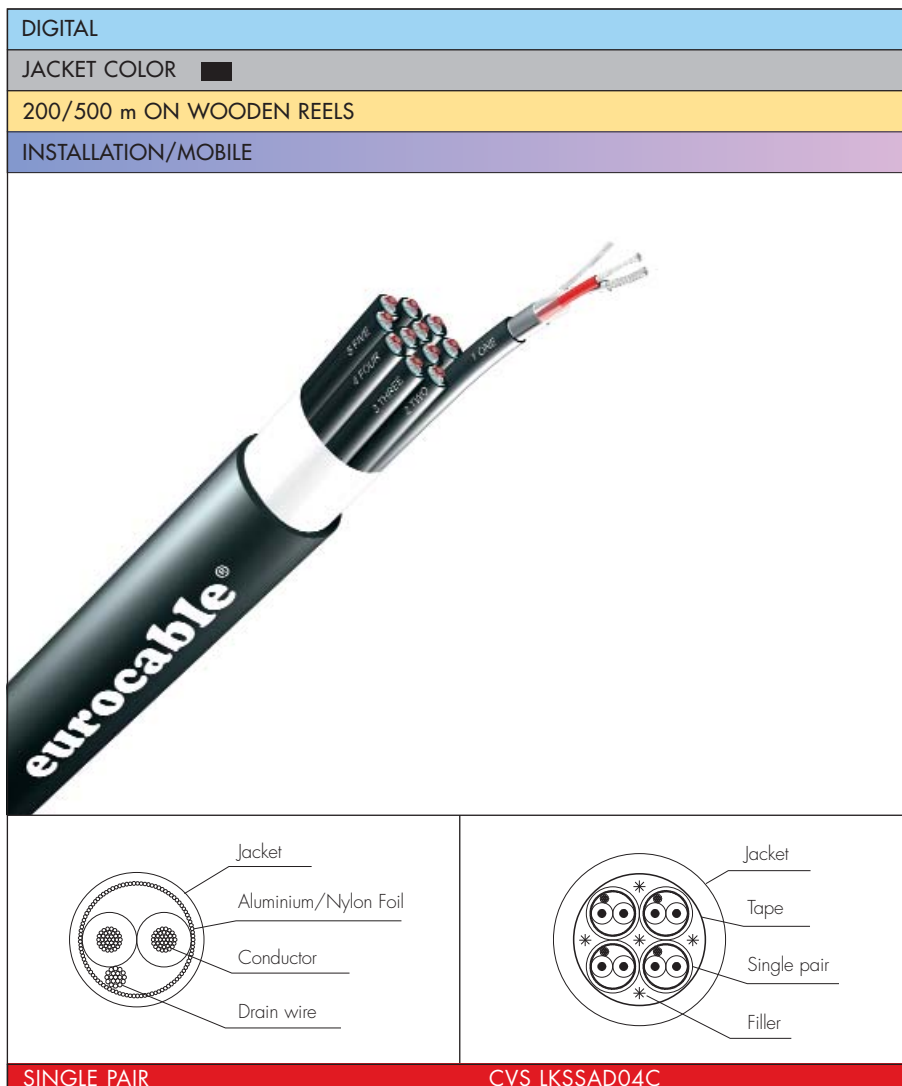
CVS LK Code		SSA02C	SSA04C	SSA08C	SSA12C	SSA16C	SSA20C	SSA24C	SSA28C	SSA32C	SSA40C	SSA48C	SSA56C	SSA64C	
ELECTRICAL DATA															
D.C.R. at 20°C	Conductor	< 90 ohm/km													
	Shield	< 40 ohm/km													
Capacitance	CDR/CDR 1 KHz	140 pF/m													
	CDR/SCR 1 KHz	250 pF/m													
Nominal Impedance 1 KHz		440 ohm/100 m													
Attenuance 1 KHz		0.24 db/100 m													
Induttance		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	7.2	9.5	11.6	14.4	16.6	17.8	19.0	21.5	22.7	24.5	27.3	27.7	29.9	
	Standard reels	500 m					200 m								
	Weight Kg/100 m	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 retardant													
	Nom. Thick. mm	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	Shield	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 mm²/24													
	Insul. O.D.	1.05 mm													
Material		Annealed bare copper. XLPE insulated													

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 especially designed for digital audio equipment within the standard set by AES/EBU. 110 ohm nominal impedance, extremely low capacitance, these cables are suitable for carrying high quality multiple 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. Available from 2 to 16 pairs and on request from 24 to 48 pairs.

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



SINGLE PAIR

CVS LKSSAD04C

Each pair consists of two insulated twisted conductors and drain wire, all enclosed within a high-density aluminium shield.


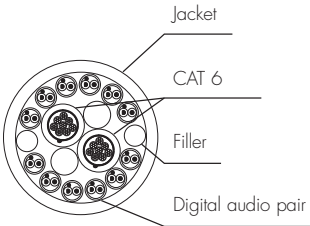
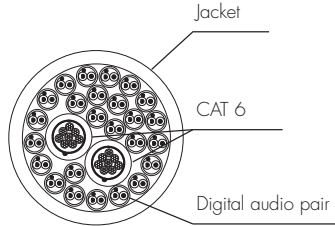
CVS IK Code		SSAD02C	SSAD04C	SSAD08C	SSAD12C	SSAD16C	SSAD24C*	SSAD32C*	SSAD48C*	
ELECTRICAL DATA							* on request			
D.C.R. at 20°C	Conductor	< 143 ohm/km								
	Shield	< 40 ohm/km								
Capacitance	CDR/CDR 1 KHz	50 pF/m								
	CDR/SCR 1 KHz	100 pF/m								
Nominal Impedance 3 - 8 MHz		110 ohm/100 m								
Attenuance 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.	8.8 mm	10.3 mm	12.9 mm	15.4 mm	17.4 mm	22.2 mm	25.5 mm	30.8 mm	
	Standard reels	500 m					200 m			
	Weight Kg/100 m	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								
	Nom. Thick.	1.20 mm	1.30 mm			1.45 mm	1.65 mm	1.75 mm	1.90 mm	
Shield	Material	Alumynium/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 mm²/26								
	Insul. O.D.	1.2 mm								
	Material	Annealed tinned copper cellular polyolefine insulated								

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

SSADU AES/EBU and CAT 6 Audio Multipair

eurocable hybrid audio and data multipair cable designed to facilitate audio drive rack and data signal transmission. Featuring 12 and 24 individually jacketed and shielded digital audio pairs with two integral CAT 6 UTP Ethernet cables (Maximum length 90 m). The maximum length stated refers to the longest distance - to obtain EIA/TIA 568.B.2 certification, hence the Ethernet backbone protocol.

Therefore applications with other protocols may run longer lengths. All pairs are identified by numbers and letters.

JACKET COLOR ■	
305 m ON WOODEN REELS	
INSTALLATION/MOBILE	
	
	
CUS LKSSAD12C2U	CUS LKSSAD24C2U
<ul style="list-style-type: none"> • Twelve digital audio pairs. • Two UTP CAT 6 cables. 	<ul style="list-style-type: none"> • Twenty four digital audio pairs. • Two UTP CAT 6 cables.

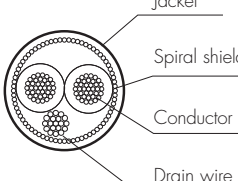
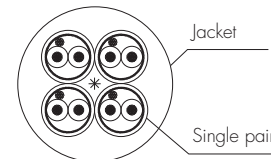
ELECTRICAL DATA			
D.C.R. at 20°C	Conductor	Audio: < 143 ohm/km / CAT 6: < 80 ohm/km	
	Shield	Audio: < 93 ohm/km	
Capacitance	CDR/CDR 1 KHz	Audio: 50 pF/m / CAT 6: 50 pF/m	
	CDR/SDR 1 KHz	100 pF/m	
Nominal Impedance 1 KHz		Audio: 110 ohm / CAT 6: 100 ohm	
Attenuance 1 KHz		Audio: 10 db/100 m @ 10 MHz / CAT 6: 30.9 db/100 m @ 250 MHz	
Vel. of Prop.		Audio: 80% / CAT 6: 66%	
GENERAL DATA			
Cable	O.D.	23.5 mm	25 mm
	Standard reels	305 m	
	Weight Kg/100 m	49	62
	Operating temperature	-20° C/+70° C	
Jacket	Material	PVC	
	Nom. Thick.	2.5 mm	
Shield	Material	Aluminium/Polyester tape plus tinned copper drain wyre (7 x 0.16 mm)	
	Coverage	100%	
Conductor	Qty	Audio: 12/CAT 6: 2	Audio: 24/CAT 6: 2
	Strand	Audio: 7 x 0.16 mm / CAT 6: 1 x 0.58 mm	
	Area/AWG	Audio: 0.14 mm²/26 / CAT 6: 0.22 mm²/24	
	Insul. O.D.	Audio: 1.2 mm	
	Material	Audio: Annealed tinned copper polyolefine insulated / CAT 6: Annealed bare copper polyolefine insulated	

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 in 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 from 2 to 48 pairs.

JACKET COLOR ■	
200/500 m ON WOODEN REELS	
MOBILE	
	
	
SINGLE PAIR	CVS LKSS04C
Each pair consists of two insulated twisted conductors and drain wire enclosed within a high-density spiral copper shield.	

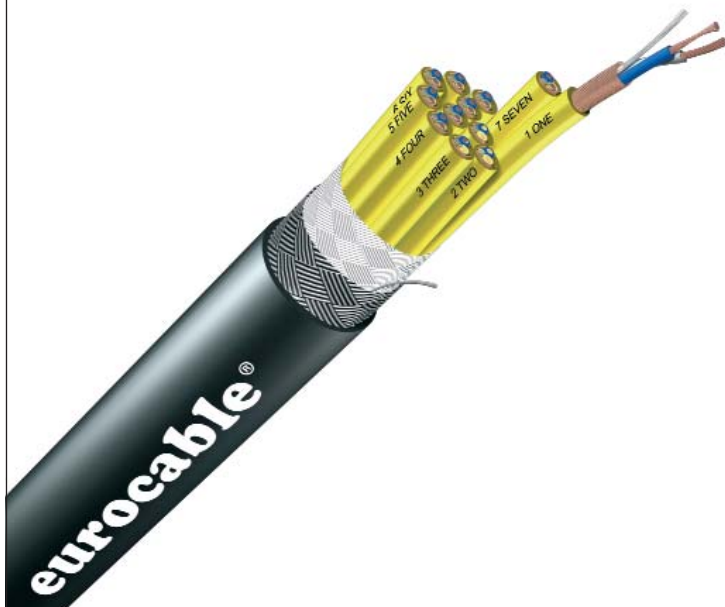
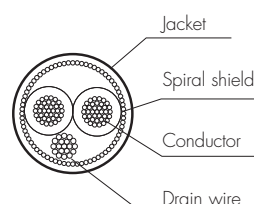
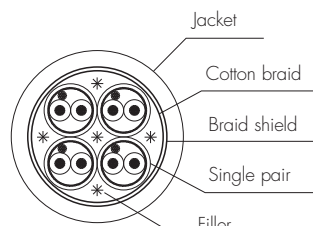
CVS LK Code		SS02C	SS04C	SS08C	SS12C	SS16C	SS20C	SS24C	SS28C	SS32C	SS40C	SS48C	
ELECTRICAL DATA													
D.C.R. at 20°C	Conductor	85 ohm/km											
	Shield	40 ohm/km											
Capacitance	CDR/CDR 1 KHz	100 pF/m											
	CDR/SCR 1 KHz	180 pF/m											
Nominal Impedance 1 KHz		530 ohm/100 m											
Attenuance 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/100 m	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											
	Nom. Thick.	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 x2	40 x 2	48 x 2	
	Strand	28 x 0.10 mm											
	Area/AWG	0.22 mm²/24											
	Insul. O.D.	1.00 mm											
	Material	Annealed bare copper. XLPE insulated											

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

SSS Spiral Copper Shield Multipair

eurocable SSS range has the same excellent technical features of SS series providing greater reliability thanks to a braided tinned copper shield plus a overall cotton braid.

These characteristics also make SSS ideal in very critical situations as live shows where external interferences are an issue and robustness and high flexibility are required. 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 conductors. All pairs are individually shielded, twisted and identified by numbers and letters printed on the internal yellow jackets, available on request from 2 to 48 pairs.

JACKET COLOR 	
200/500 m ON WOODEN REELS	
MOBILE	
	
	
SINGLE PAIR	CVS IKSSS04C
Each pair consists of two insulated twisted conductors and drain wire enclosed within a high-density spiral copper shield.	

CVS IK Code		SSS04C	SSS08C	SSS12C	SSS16C	SSS24C	SSS32C	SSS40C	SSS48C	
ELECTRICAL DATA										
D.C.R. at 20°C	Conductor	< 85 ohm/km								
	Shield	< 40 ohm/km								
Capacitance	CDR/CDR 1 KHz	100 pF/m								
	CDR/SCR 1 KHz	180 pF/m								
Nominal Impedance 1 KHz		530 ohm/100 m								
Attenuance 1 KHz		0.20 db/100 m								
Induttance		70 µH/100 m								
GENERAL DATA										
Pairs cable		4	8	12	16	24	32	40	48	
Cable	O.D.	10.4 mm	13.4 mm	15.2 mm	17.4 mm	21.1 mm	23.9 mm	26.0 mm	28.4 mm	
	Standard reels	500 m			200 m					
	Weight Kg/100 m	16.80	28.40	35.80	48.00	71.00	88.00	103.00	122.50	
	Operating temperature	-20°C/+70°C								
Jacket	Material	PVC								
	Nom. Thick.	1.40 mm	1.50 mm	1.60 mm	1.70 mm	1.95 mm	2.00 mm		2.20 mm	
Shield	Material	Bare copper (conductor)/Tinned copper (cable) Spiral shield plus 24 AWG copper drain wire (conductor)/Braid shield plus 24 AWG tinned copper drain wire (cable)								
	Coverage	> 95%/85%								
Conductor	Qty	4 x 2	8 x 2	12 x 2	16 x 2	24 x 2	32 x 2	40 x 2	48 x 2	
	Strand	28 x 0.10 mm								
	Area/AWG	0.22 mm²/24								
	Insul. O.D.	1.00 mm								
	Material	Annealed bare copper. XLPE insulated								

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

Speaker Cables

Key features of **eurocable** flame retardant speaker cables are their extreme flexibility and superior strength. A whole range of versions and configurations suitable for different applications are available.

TWINAXIAL



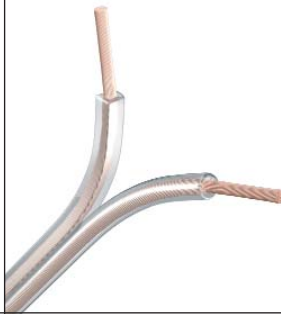
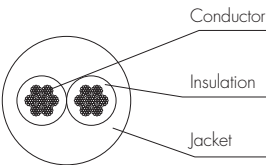
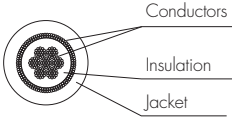
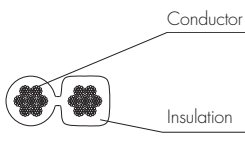
Outdoor and internal wiring applications.

COAXIAL

Internal wiring applications and XLR connections.

PARALLEL

To wire up devices within racks or loudspeakers.









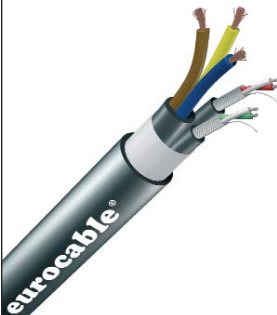
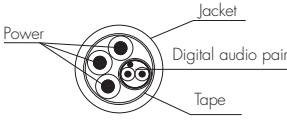
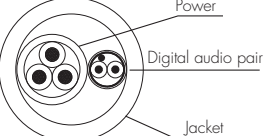
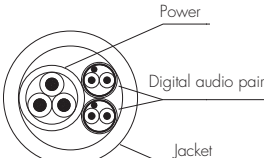
FLAME RETARDANT: IEC 60332-3 CAT. "C", EN 50266-2	FLAME RETARDANT: IEC 60332-3 CAT. "C", EN 50266-2	FLAME RETARDANT: IEC 60332-3 CAT. "C", EN 50266-2
JACKET COLOR ■	JACKET COLOR ■	JACKET COLOR ■
100 m ON WOODEN REELS	100 m ON CARDBOARD REELS	100 m ON CARDBOARD REELS
MOBILE	INSTALLATION	INSTALLATION
CE	CE	CE
		
		
Twinaxial	Coaxial	Parallel
<ul style="list-style-type: none"> Two twisted insulated conductors enclosed within a single round jacket. Available in 1,5 mm², 2,5 mm² and 4 mm². 	<ul style="list-style-type: none"> Ideal for use in conduits where the speaker cables and high interference cables run together. 	<ul style="list-style-type: none"> Positive pole is easily identified by the printing on the cable and rectangular shape of the jacket.

CVS IK Code			02N15	02N25	02N40	02N25C	02N15P	02N25P
GENERAL DATA								
Cable	O.D.		8.00 mm	9.20 mm	11.50 mm	5.70 mm	3.5 x 7.40 mm	4.0 x 8.4 mm
	Standard reels		100 m					
	Weight Kg/100 m		9.60	14.30	20.50	8.10	5.50	7.90
	Operating temperature		+5°C/+70°C			- 20°C /+70°C		-20°C/+70°C
Jacket	Material		PVC flame retardant					
	Nom. Thick.		1.20 mm	1.00 mm	1.50 mm	>=1.00 mm		0.70 mm
Conductor	D.C.R. [ohm/km] at 20°C		13	8	5	8	13	8
	Quantity, Strand	Conductor	2x48x0.2	2x80x0.2	2x128x0.2	1x80x0.2	2x48x0.2	2x80x0.2
		Shield	-			2x12x6x0.15	-	
	Area/AWG		1.5 mm² /16	2.5 mm²/14	40mm²/12	2.5 mm²/13	1.5 mm²/16	2.5 mm²/14
	Insul. O.D.		2.8	3.4	4.0	-		
Material			Bare copper fire resistant PVC insulated				Bare copper PVC insulated	

Audio and Power Speaker Cables

The **eurocable** SPKAL series of self-powered cables is 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. The poles are red (+) and black (-) color plus the identification number. Available with 3x1.5 mm² and 3x2.5 mm² power cable, features 26 AWG 110 ohm double shielded pairs for audio and data signals. LK Connectors multipin solutions are also available for the SPKAL range.

The **eurocable** AD1P1 and AD2P2 are built with one main power line (3x1.5 mm²) with an individual external jacket and one or two 110 ohm balanced digital cables to meet different audio, video and lighting applications such as colour change control, follow spots with intercom, powered loudspeaker and monitor control.

FLAME RETARDANT: IEC 60332-3 CAT. "C", EN 50266-2				
DIGITAL			DIGITAL	DIGITAL
JACKET COLOR 			JACKET COLOR 	JACKET COLOR 
200/305 m ON WOODEN REELS			200 m ON WOODEN REELS	200 m ON WOODEN REELS
MOBILE			INSTALLATION/MOBILE	INSTALLATION/MOBILE
				
				
				
CVS LKSPKAL1			CVS LKAD1P1	CVS LKAD2P1
<ul style="list-style-type: none">• One digital audio pair and 3x1.5 mm² power cable (SPKAL 1).• One (SPKAL 2) or two (SPKAL 4) digital audio pairs and 3x2.5 mm² power cable.			<ul style="list-style-type: none">• One digital audio pair with tinned copper shield and PVC jacket.• One 3x1.5 mm² insulated wire and an overall PVC jacket.	<ul style="list-style-type: none">• Two digital audio pairs with tinned copper shield and PVC jacket.• One 3x1.5 mm² insulated wire and an overall PVC jacket.
SPKAL1	SPKAL2	SPKAL4		

Audio: 16 0 ohm/Km			Audio: 85 ohm/km - Power: < 13.50 ohm/km		
< 15 ohm/Km			28.5 ohm/km		
30 pF/m			< 50 pF/m		
70 pF/m			< 90 pF/m		
			110 ohm		
7 at 3 MHz/10 at 6 MHz			5.00 at 3 MHz/8.50 at 6 MHz/11.50 at 8 MHz		
			80%		

10.5 mm	11.6 mm	12.4 mm	14.9 mm	
200 m	305 m		200 m	
17	20.5	24	20.70 Kg/100 m	22.40 Kg/100 m
-20°C /+70°C				
PVC flame retardant			PVC TM2	
1.3 mm	1.5 mm		1.5 mm	
Tinned copper braid + PET/ALL. tape			Audio: Tinned copper spiral shield	
86% + 100%			100%	
Audio: 1 Power: 3	Audio: 1 Power: 3	Audio: 2 Power: 3	Audio: 1 - Power: 1	Audio: 2 - Power: 1
Audio: 7 x 0.15 mm			Audio: 28 x 0.10 mm - Power: 48 x 0.20 mm	
Power: 48 x 0.19 mm	Power: 80 x 0.19 mm			
Audio: 0.13/26 Power 1.5/16 (L1) 2.08/14 (L2/L4)				
10.5	11.6	12.4	Audio: 3.75 - Power: 7.70	
Audio: Tinned copper polyethylene insulated Power: Bare copper Fire retardant PVC insulated			Audio: Annealed bare copper, polyolefine insulated, external jacket: PVC Power: Annealed tinned bare copper, PVC insulated, external jacket: PVC	







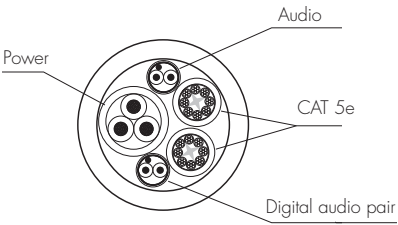
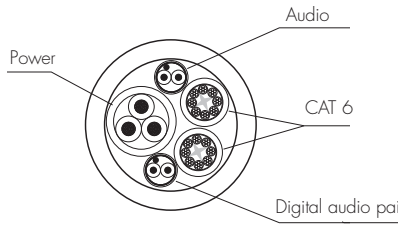
Multisignal Speaker Cables

A new line of intelligent self-powered speaker cables, specifically designed for self-powered loudspeaker systems, SPKAL 12/3 U2A2 incorporates CAT 5e control and or signal connectivity. This cable includes 3x3.5 mm² double shielded power cable, two AES individually jacketed and shielded audio pairs, plus two colour coded patch CAT 5e UTP ethernet lines (maximum length 50 m) as well as **eurocable** cross-spacer (CAT 6 style) construction.

SPKAL 12/3 2C6A2 offers the same characteristics of SPKAL 12/3 U2A2 featuring two colour coded CAT 6 ethernet lines (maximum length 90 m) instead of the CAT 5 lines.

The lengths stated refer to the longest distance to obtain EIA/TIA 568.B.2 certification, hence the Ethernet backbone protocol.

Therefore applications with other protocols may run longer lengths.

DIGITAL	DIGITAL
JACKET COLOR 	JACKET COLOR 
152 m ON WOODEN REELS	152 m ON WOODEN REELS
MOBILE	MOBILE
 	 
	
CUS LKSPKAL 12/3 U2A2	CUS LKSPKAL 12/3 2C6A2
<ul style="list-style-type: none"> • Two digital audio pairs. • Two CAT 5e cables. • One 3x3,5 mm² power cable. 	<ul style="list-style-type: none"> • Two digital audio pairs. • Two CAT6 cables. • One 3x3,5 mm² power cable.

ELECTRICAL DATA									
		Audio		Cat 5e	Power	Audio		Cat 6	Power
Cable	O.D.	20.30 mm	4.00 mm	6.70 mm	10.60 mm	20.30 mm	4.00 mm	6.80 mm	10.60 mm
	Standard reels	152 m	-			152 m	-	-	-
	Volt. Rate	-			600 V	-	-	-	600 V
	Operating temperature	-20°C/+70°C							
Jacket	Material	PVC							
	Nom. Thick.	1.7 mm	0.65 mm	0.63 mm	0.80 mm	1.7 mm	0.65 mm	0.53 mm	0.80 mm
	Color	Black		1: Black 2: Blue	Black	Black	-	1: Black 2: Blue	Black
	Power	UL - 758 CL 43							
Shield	Material	-	Aluminium/pol yester tape plus 18 x 0.10 mm drain wire	-	1° Annealed tinned copper braid shield aluminium 2° Aluminium/ polyester tape	-	Aluminium/pol yester tape plus 18 x 0.10 mm drain wire	-	1° Annealed thinned copper braid shield 2° Aluminium/pol yester tape
	Coverage	-	100%	-	70%/100%	-	100%	-	70%/100%
Conductor	Qty	-	2	2	3	-	2	2	3
	Strand	-	18 x 0.10 mm	7 x 0.20 mm	70 x 0.25 mm	-	18 x 0.10 mm	1 x 0.58 mm	70 x 0.25 mm
	Area/AWG	-	0.14 mm ² /26	0.20 mm ² /24	3.44 mm ² /12	-	0.14 mm ² /26	0.22 mm ² /24	3.44 mm ² /12
	Insul. O.D.	-	1.20 mm	1.00 mm	1.00 mm	-	1.20 mm	1.00 mm	1.00 mm
	Material	-	Annealed tinned copper polyole- fine insulated	Annealed bare copper polyole- fine insulated	Annealed bare copper PVC insulated	-	Annealed tinned copper polyole- fine insulated	Solid bare copper polyole- fine insulated	Annealed bare copper PVC insulated

Multicore Speaker Cables

This range of speaker cables has been designed for the connection of multi-amplifier systems. The outer jacket of flexible flame retardant PVC makes these cables suitable for indoor and outdoor use. The poles are red (+) and black (-) color plus the channel identification number (e.g.: 2, 3 & 4).

FLAME RETARDANT: IEC 60332-3 CAT. "C", EN 50266-2									
JACKET COLOR <div></div>									
200 m ON WOODEN REELS									
MOBILE									
<div>CE</div> <div></div>									
<div><div><div>04N25</div><div><div>Conductor</div><div>Insulation</div><div>Jacket</div></div></div><div><div>06N25</div><div><div>Jacket</div><div>Conductor</div><div>Insulation</div><div>Filler</div></div></div><div><div>08N25</div><div><div>Conductor</div><div>Insulation</div><div>Jacket</div></div></div></div>									
Multicore									
Available in 2.5 and 4.0 mm ² both for 4, 6 and 8 poles (2, 3 & 4 ways and in 4.0 mm ² for 16 poles (8 ways) and 24 poles (12 ways).									
CVS I.K. Code		04N25	04N40	06N25	06N40	08N25	08N40	16N40	24N40*
GENERAL DATA									*on request
Cable	O.D.	11.1 mm	13.20 mm	14.20 mm	15.50 mm	16.00 mm	19.50 mm	21.50 mm	27.80 mm
	Standard reels	200 m							152 m
	Weight Kg x 100 m	21.50	34.50	35.00	52.00	47.00	70.50	93.90	153.00
	Oper. Temp.	5° C/+70°C							
Jacket	Material	PVC fire retardant							
	Nom. Thick.	>= 1.2 mm	>= 1.8 mm	>= 1.6 mm	>= 1.5 mm	>= 1.6 mm	>= 1.8 mm	2.20	
Conductor	D.C.R. ohm/km at 20°C	8	5	8	5	8	5		
	Quantity	4		6		8		16	24
	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	80 x 0.25 mm	128 x 0.2 mm
	Area/AWG	2.5 mm ² /13	4 mm ² /11	2.5 mm ² /13	4 mm ² /11	2.5 mm ² /13	4 mm ² /11	4 mm ² /11	
	Insul. O.D.	3.4	4.0	3.4	4.0	3.4	4.0	4.0	3.6
	Material	PVC fire retardant							

Multicore Speaker Cables

The largest number of speaker cables (24 ways) added with two audio digital pairs.

A 35 mm overall diameter masterpiece that preserves the typical **eurocable** design and flexibility so well-known in the market.



LKA 48-6

A unique LK multipin connector allows to carry all the signals with one single connection.




JACKET COLOR	■
92 m ON WOODEN REELS	
MOBILE	
CUS LK48N40AD2 <ul style="list-style-type: none"> • 48x4 mm² conductors. • Two digital audio pairs. 	

		CUS LK48N40AD2	Speaker	Audio
GENERAL DATA				
Cable	O.D.	<= 35.00 mm	3.6 mm	1.2 mm
	Standard reels	92 m		
	Weight	257 Kg/100 m		
	Operating temperature	-20°C/ +70°C		
Jacket	Material	PVC		
	Nom. Thick.	2.1 mm	1.00 mm	0.60 mm
Shield	Material	-		
	Coverage	-		
Conductor	Qty	-	48	2
	Strand		128 x 0.20 mm	7 x 0.16 mm
	Area/AWG		4 mm ² /11	0.14 mm ² /26
	Insul. O.D.		3.6 mm	1.2 mm
	Material		Annealed bare copper PVC insulated	Annealed tinned copper polyolefine insulated

Analog Video Cables

eurocable offers a wide range of video coax cable, suitable for all analog 50 ohm and 75 ohm video transmission. Shielded with copper braid and PVC jacketed to guarantee long life and high flexibility.

Video coax cables according to the standard MILC17 requirements.

JACKET COLOR ■	JACKET COLOR ■	JACKET COLOR ■
100 m ON WOODEN REELS	100 m ON WOODEN REELS	100 m ON WOODEN REELS
INSTALLATION	MOBILE	MOBILE
CE	CE	CE
		
CVS LKRX174	CVS LKRG58C17	CVS LKRG59C17
<ul style="list-style-type: none"> 75 ohm flame retardant external jacket. Ideal in critical space applications. 	<ul style="list-style-type: none"> 50 ohm compliant to MILC-17 standard. 	<ul style="list-style-type: none"> 75 ohm suitable for CCTV and MATV applications.

ELECTRICAL DATA				
D.C.R. at 20°C	Conductor	< 185 ohm/km	37.5 ohm/km	158 ohm/km
	Shield	< 30 ohm/km	17 ohm/km	14.8 ohm/km
Capacitance at 20°C		60 pF/m	100 pF/m	67 pF/m
Nominal Impedance		75 ohm	50 ohm	75 ohm
Attenuance	10 MHz	6.9 db/100m	2.5 db/100m	2.0 db/100m
	50 MHz	15.7 db/100m	9.7 db/100m	7.7 db/100m
	100 MHz	22.5 db/100m	13.9 db/100m	10.7 db/100m
	200 MHz	-	20.4 db/100m	15.7 db/100m
Vel. of Prop.		80%	66%	
GENERAL DATA				
Cable	O.D.	2.70 mm	5 mm	6.20 mm
	Standard reels	1.000 m		
	Weight	1.24 Kg/100 m	3.70 Kg/100 m	5.09 Kg/100 m
	Operating temperature	-20°C/+70°C		
Jacket	Material	PVC TM2	PVC	
	Nom. Thick.	0.40 mm	0.75 mm	1.10 mm
Shield	Material	Tinned copper		Bare copper
		Braid shield		
	Coverage	> = 90%	93%	24%
Conductor	Qty	1		
	Strand	1 x 0.35 mm	19 x 0.18 mm	1 x 0.58 mm
	Area/AWG	0.1 mm²/27	0.48 mm²/25	0.26 mm²/30
	Delect. O.D.	1.50 mm	2.95 mm	3.7 mm
	Material	Solid tinned bare copper, foamed polyolefine insulated	Annealed tinned copper, polyethylene insulated	Coppered steel, polyethylene insulated

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

Analog/Digital Video Cables

eurocable analog and SDI digital video coax cables feature: flame retardant external jacket, 75 ohm nominal impedance, double shield and low signals loss. Voltage rating 50 volts ac; 75 volts dc.

CVS LKRG59S2







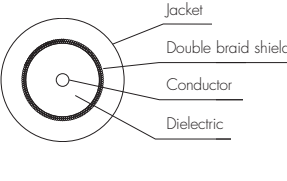
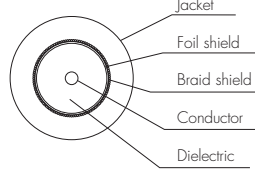
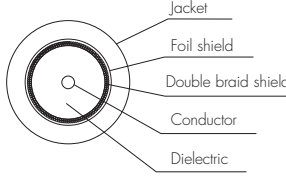
Double shielded with red bare copper and tinned bare copper braids, has been developed for analog and digital video devices up to 800 MHz. Complying to BBC PSF 1/3M standard, is available in RGB (Red, Green and Blue) and Grey colours.

CVS LKRG59S2A

Same characteristics as the previous cable, double shielded with red copper braid and aluminium foil. It also complies to the above mentioned standards.

CVS LKRG59HF

Featuring three shields composed by red copper and tinned copper braid plus aluminium foil, this Halogen Free cable has been purposely developed for use in places with high fire risk.

FLAME RETARDANT: IEC 60332-1, EN 60332-1	FLAME RETARDANT: IEC 60332-1, EN 60332-1	FLAME RETARDANT: IEC 60332-3 CAT. "C", IEC 60754-1, IEC 60754-2, EN 50266-2, EN 50267-2-1, EN 50267-2-2
ANALOG/DIGITAL	ANALOG/DIGITAL	ANALOG/DIGITAL
JACKET COLOR 	JACKET COLOR 	JACKET COLOR 
1000 m ON WOODEN REELS OR 200 m ON CARDBOARD	1000 m ON WOODEN REELS	1000 m ON WOODEN REELS
INSTALLATION/MOBILE	INSTALLATION/MOBILE	INSTALLATION
		
		
CVS LKRG59S2	CVS LKRG59S2A	CVS LKRG59HF
<ul style="list-style-type: none"> Available in RGB and grey colors. Double copper shield. 	<ul style="list-style-type: none"> Red copper braid plus aluminium foil. Black jacket. 	<ul style="list-style-type: none"> Halogen free jacket. Two copper shields plus aluminium foil.

CVS LK Code		RG59S2	RG59S2R	RG59S2G	RG59S2B	RG59S2A	RG59HF
ELECTRICAL DATA							
D.C.R. at 20°C	Conductor	61.5 ohm/km			62 ohm/km		<= 70 ohm/km
	Shield	8.5 ohm/km			13 ohm/km		8 ohm/km
Capacitance at 20°C		67 pF/m				69 pF/m	
Nominal Impedance		75 ohm					
Attenuance	5 MHz	-				2.85 db/100m	
	50 MHz	7.4 db/100m			6.8 db/100m		7.59 db/100m
	200 MHz	15.6 db/100m			10 db/100m		14 db/100m
	500 MHz	25.2 db/100m			23.5 db/100m		24 db/100m
	860 MHz	34 db/100m			34.2 db/100m		32 db/100m
Vel. of Prop.		66%					
GENERAL DATA							
Cable	O.D.	6.10 mm				6.20 mm	
	Standard reels	200/1.000 m			1.000 m		
	Weight	6.0 Kg/100 m			4.98 Kg/100 m		6.60 Kg/100 m
	Operating temperature	-30°C/+70°C			-25°C/+80°C		-20°C/+70°C
Jacket	Material	Low smoke emission PVC				Techno polymer	
	Nom. Thick.	0.80 mm				0.75 mm	
Shield	Material	1°: Bare copper braid 2°: Tinned copper braid			1°: Alumynium-polyester-alumynium foil 2°: Braided red copper		1°: Bare copper braid 2°: Aluminium foil 3°: Tinned copper braid
	Coverage	87% + 85%			100% + 83%		85% + 85% + 100%
Conductor	Qty	1					
	Strand	1 x 0.6 mm					
	Area/AWG	0.28 mm²/23					
	Delect. O.D.	3.7 mm					
	Material	Solid bare copper, polyethylene insulated			Bare copper polyethylene insulated		Solid bare copper, polyolefine insulated

Digital Video Cables (HDTV)

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

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.

CVS LKRG59DS








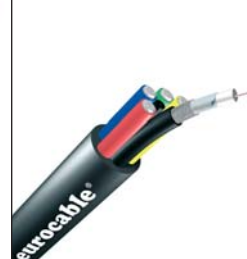
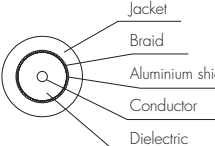
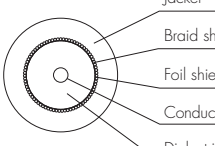
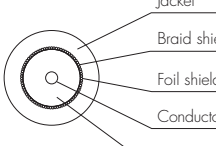
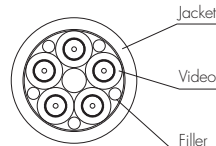
Coaxial cable RG59 built according to the same standard as the previous one, it maintains an exceptional Return Loss Value (-26db) better than the minimum SMPTE recommended level (-15db) @ 2,25 GHz which is the third harmonic frequency of 750 MHz (HDTV bandwidth).

CVS LKRX75S2

Low loss digital video cable for use in HDTV distributions, offers the basic characteristics of RG59DS in a smaller diameter.

CVS LK5RX75S2

Five RX75S2 cables in one jacket for multi-channel transmissions.





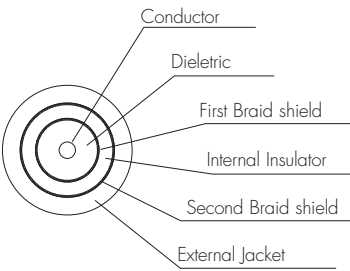
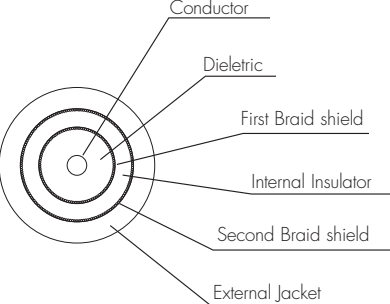
DIGITAL/HDTV	DIGITAL/HDTV	DIGITAL/HDTV	DIGITAL/HDTV
JACKET COLOR 	JACKET COLOR 	JACKET COLOR 	JACKET COLOR 
1000 m ON WOODEN REELS	1000 m ON WOODEN REELS	500 m ON WOODEN REELS	200m ON WOODEN REELS
INSTALLATION	INSTALLATION	INSTALLATION	INSTALLATION
			
			
CVS LKRG6DS	CVS LKRG59DS	CVS LKRX75S2	CVS LK5RX75S2
<ul style="list-style-type: none"> • For long distance signal transmissions. • Double shielded. 	<ul style="list-style-type: none"> • Exceptional return loss value. • Double shielded. 	<ul style="list-style-type: none"> • Minimal overall diameter. • Double shielded. 	<ul style="list-style-type: none"> • Multi-channel video cable. • Double shielded.

ELECTRICAL DATA					
D.C.R.	Conductor	17.2 ohm/km	35 ohm/km	61.5 ohm/km	61 ohm/km
at 20°	Shield	14 ohm/km	10 ohm/km	18 ohm/km	17 ohm/km
Capacitance		53 pF/m		56 pF/m	
Nominal Impedance		75 ohm			
Attenuance	db/100 m - MHz	9.00 at 200/12.9 at 470/18.00 at 860/19.7 at 1000/23.2 at 1350/25 at 1500/26.9 at 1750/40 at 2150/48 at 2400	5.7 at 50/11.1 at 200/17.5 at 470/24 at 860/26.2 at 1000/31.2 at 1350/33.5 at 1500/35.5 at 1750/40 at 2250/48 at 3000	7.6 at 50/15.3 at 230/22.3 at 470/34.3 at 1000/39.7 at 1350/42.7 at 1500/45.8 at 1750/51.6 at 2150/55.7 at 2400	2.30 at 5/3.40 at 10/4.70 at 20/9.00 at 70/12.50 at 130/17.80 at 270/21.50 at 350/32.00 at 750/35.60 at 1000
Vel. of Prop.		84%	80%		
GENERAL DATA					
Cable	O.D.	6.60 mm	6.00 mm	4.50 mm	16.50 mm
	Standard reels	1.000 m		500 m	200 m
	Weight	4.72 Kg/100 m	5.26 Kg/100 m	3.0 Kg/100 m	34 Kg/100 m
	Operating temp.	-30°C/+70°C		-20°C/+70°C	
Jacket	Material	PVC	Low smoke emission PVC	Low smoke emission PVC	PVC
	Nom. Thick.	0.80 mm		0.65 mm	1.60 mm
Shield	Material	First: Aluminium - Polyester - Aluminium Foil - Second: Tinned copper braid		First: Aluminium - Mylar Foil - Second: Tinned copper braid	
	Coverage	100% + 79%	100% + 95%	100% + 93%	100% > 85%
Conduc tor	Qty	1			5
	Strand	1 x 1.13 mm	1 x 0.80 mm	1 x 0.60	
	Area/AWG	1.0 mm²/17	0.50 mm²/20	0.28 mm²/23	
	Delect. O.D.	4.80 mm	3.65 mm	2.8 mm	
	Material	Solid bare copper, foamed polyethylene 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, 11 and 14* mm overall diameter versions, to be chosen depending on the distances to cover.

JACKET COLOR 	JACKET COLOR 
1000 m ON WOODEN REELS	1000 m ON WOODEN REELS
MOBILE	MOBILE
	
	
CVS LKTRIA08	CVS LKTRIA11
• 8 mm overall diameter.	• 11 mm overall diameter.

CVS LK Code			TRIA08	TRIA11	TRIA14*
ELECTRICAL DATA					*on request
D.C.R. at 20°C	Conductor		< 22.4 ohm/km	< 11.5 ohm/km	6 ohm/km
	Shield	First	< 8.5 ohm/km	< 4.5 ohm/km	3.0 ohm/km
		Second	< 7.8 ohm/km	< 5.5 ohm/km	2.5 ohm/km
Capacitance			55 pF/m		58 pF/m
Nominal Impedance			75 ohm		
Attenuance 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	0.4 at 1/0.9 at 5/1.35 at 10/1.95 at 20/2.8 at 40/3.1 at 50/3.4 at 60/4.65 at 100
Vel. of Prop.			80%		
Inductance			30 µH/100 m		
GENERAL DATA					
Cable	O.D.		8.30 mm	10.90 mm	14.40 mm
	Standard reels		1.000 m		400 m
	Weight		10.5 Kg/100 m	17.8 Kg/100 m	28.8 Kg/100 m
	Operating temperature		-20°C/+70°C		
Jacket	Material		PVC TM2		
	Nom. Thick.		0.55 mm	1.00 mm	0.75 mm
Shield	Material		Silver plated copper / Bare copper Braid shield		
	Coverage		90% + 90%		
Conductor	Qty		1		
	Strand		1 x 1.0 mm	1 x 1.4 mm	7 x 0.75 mm
	Area/AWG		0.78 mm²/18	1.5 mm²/16	3.0 mm²/12
	Dielectric O.D.		4.50 mm	6.30 mm	9.70 mm
	Material		Silvered solid copper foamed, polyolefine insulated		








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

Analog Multi Coax Video Cables

eurocable multi-coax video cables satisfy several different needs for transmitting video signals:

- COMPONENT
- COMPOSIT
- S-VHS
- SVGA

The multiple coax transmissions of the RED, GREEN and BLUE signals are obtained through separate coax cables.

JACKET COLOR ■	JACKET COLOR ■
500 m ON WOODEN REELS	200 m ON WOODEN REELS
MOBILE/INSTALLATION	MOBILE/INSTALLATION
	
   	
CVS LKRGBD3	CVS LK SVHS
<ul style="list-style-type: none"> • Three coax (RGBD3). • Four coax plus sync (RGBY3). • Five coax plus sync and hold (RGBYCD3). 	<ul style="list-style-type: none"> • Two 75 ohm coax cables suitable for S-VHS interconnections for separate transmission of the luminance (Black/White or brightness information) and chrominance (color information).


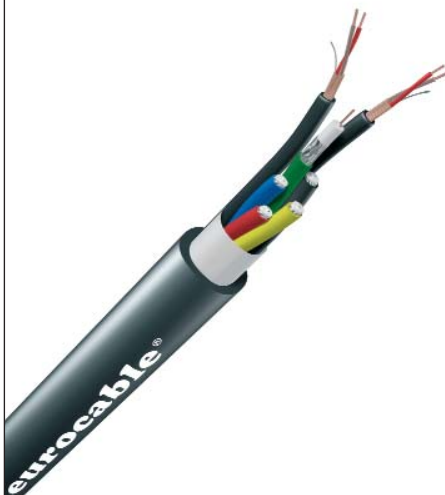
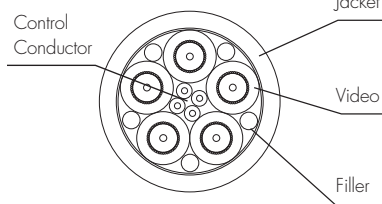
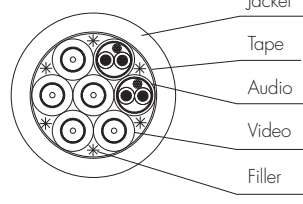
CVS LK Code		RGBD3	RGBYD3	RGBYCD3	SVHS
ELECTRICAL DATA					
D.C.R. at 20°C	Conductor	180 ohm/km			< 350 ohm/km
	Shield	27 ohm/km			< 55 ohm/km
Capacitance		59 pF/m			55 pF/m
Nominal Impedance		75 ohm			
Attenuance	5 MHz	4.8 db/100 m			5.5 db/100 m
	10 MHz	6.6 db/100 m			7.5 db/100 m
	20 MHz	10.8 db/100 m			10.8 db/100 m
	50 MHz	14.0 db/100 m			17.0 db/100 m
	100 MHz	22.6 db/100 m			25.0 db/100 m
Vel. of Prop.		80%			
GENERAL DATA					
Cable	O.D.	7.60 mm	8.50 mm	9.20 mm	6.80 mm
	Standard reels	500 m			200 m
	Weight	7.40 Kg/100 m	9.60 Kg/100 m	11.40 Kg/100 m	5.6 Kg/100 m
	Operating temperature	-20°C/+70°C			
Jacket	Material	PVC TM2			
	Nom. Thick.	1.10 mm	1.25 mm	1.20 mm	0.9 mm
Shield	Material	Tinned copper braid			Annealed bare copper spiral
	Coverage	> = 90%			100%
Conductor	Qty	3	4	5	2
	Strand	1 x 0.35 mm			7 x 0.10
	Area/AWG	0.1 mm²/27			0.06 mm²/30 AWG
	Delect. O.D.	1.5 mm			2.4 mm
	Material	Solid tinned copper, polyolefine insulated			Annealed bare copper, polyolefine insulated

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

Analog Multi Coax Video Cables

Purposely manufactured for SVGA applications, this cable is composed of four conductors for SVGA control and five 75 ohm coax cables for the video signals.

The A2V5 cable with its five video and two audio channels allows the connection of multiple devices in a single operation.

JACKET COLOR ■	JACKET COLOR ■
500 m ON WOODEN REELS	500 m ON WOODEN REELS
INSTALLATION	INSTALLATION
	
	
CVS LK SVGA	CVS LK A2V5
<ul style="list-style-type: none"> • Five 75 ohm coax cables. • Four conductors for SVGA control. 	<ul style="list-style-type: none"> • Five video cables. • Two audio channels.









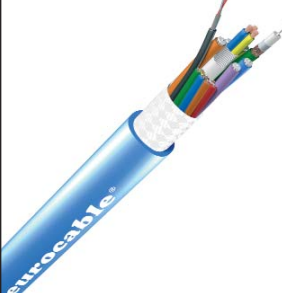
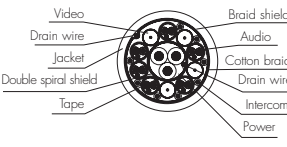
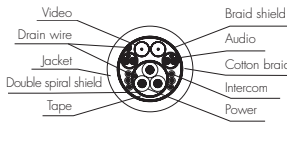
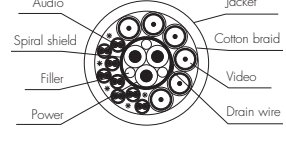
ELECTRICAL DATA			
Description		Multicoaxial 5 x 75 ohm + 4 x 26 AWG SVGA	Multicoaxial 5 x 75 ohm/2 (2 x 24 AWG)
D.C.R. at 20°C	Conductor	Control: < 143 ohm/km	Audio < 85 ohm/km - Video: < 83 ohm/km
	Shield	-	Audio < 40 ohm/km - Video: < 30 ohm/km
Capacitance		Coax: 58 pF/m	Audio < 100 pF/m - Video: < 100 pF/m
Nominal Impedance		Coax: 75 ohm	Audio: 5.30 ohm at 1 MHz - Video: 50 ohm at 1 KHz
Attenuance	1 MHz	Coax: < 2.4 db/100 m	Video: 2.2 db/100 m
	10 MHz	Coax: < 7.5 db/100 m	Video: 7.5 db/100 m
Vel. of Prop.		80%	66%
GENERAL DATA			
Cable	O.D.	9.30 mm	10.9 mm
	Standard reels	500 m	500 m
	Weight	13.5 Kg/100 m	16.80 Kg/100 m
	Operating temperature	-20°C +70°C	-20°C +70°C
Jacket	Material	PVC	PVC
	Nom. Thick.	1.0 mm	1.40 mm
Shield	Material	Coax: Tinned copper braid/Overall: Tinned copper braid	Audio: Bare copper - Video: tinned copper Audio: Spiral shield; plus 24 AWG tinned copper drain wire Video: Braid shield
	Coverage	95% - 85%	Audio: 100% - Video: > 85%
Conductor	Qty	5 Coax - 4 Control	Audio: 2 - Video: 5
	Strand	1 x 0.35 - 7 Control	Audio: 28 x 0.10 mm - Video: 7 x 0.15 mm
	Area/AWG	Coax: 0.096 mm²/27 - Control: 0.14 mm²/26	Audio: 0.22 mm²/24 - Video: 0.13 mm²/26
	Delect. O.D.	Coax: 2.5 mm - Control: 0.90 mm	Audio: 1.05 - Video: 1.5 mm
	Material	Coax: Solid tinned copper polypropylene insulated Control: Tinned copper PVC insulated	Audio: Annealed tinned copper polyolefine insulated Video: Annealed bare copper polyolefine insulated

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

Eng Cables

eurocable ENG cables are designed for Electronic News Gathering applications. These cables allow having only one cable running from the reporter site, where camera, monitor and mixer are located, to the Van. The double spiral tinned copper shield guarantees 100% coverage on the power conductor (3x1.5 mm²). Video coax channels consist of 75 ohm miniaturized cables. These coax plus intercom and audio conductors are held together by a cotton braid. Overall tinned copper braid shield and PVC jacket complete the cable.

Please note: The power shield must be connected to earth and the overall shield to the chassis of the devices.

JACKET COLOR 	JACKET COLOR 	JACKET COLOR 
200 m ON WOODEN REELS	200 m ON WOODEN REELS	500 m ON WOODEN REELS
MOBILE	INSTALLATION	INSTALLATION/MOBILE
 	 	 
		
CVS LKCRON 1	CVS LKCRON 2	CVS LK A8V6P1
<ul style="list-style-type: none"> Six audio, four video, eight intercom or phone lines, one 3x1.5 mm² power. 	<ul style="list-style-type: none"> Two audio, two video, six intercom or phone lines, one 3x1.5 mm² power. 	<ul style="list-style-type: none"> Audio and video channels with different color jackets for easy identification. Spiral tinned copper power conductor (max load 10A).



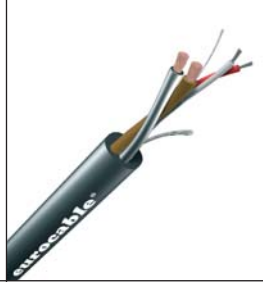

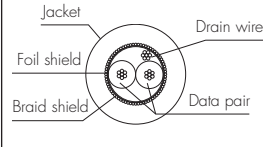
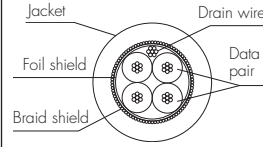
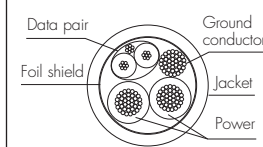
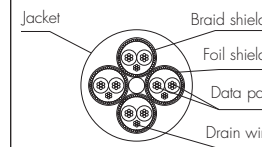
ELECTRICAL DATA				
D.C.R. at 20°C	Conductor	Audio: < 85 ohm/km - Video: < 60 ohm/km - Power < 13.3 ohm/km		Audio: < 140 ohm/km - Video: < 95 ohm/km
	Shield	Audio: < 40 ohm/km - Video: < 25 ohm/km		Audio: < 50 ohm/km - Video: < 15 ohm/km
Capacitance	CDR/CDR 1 KHz	Audio: 100 pF/m - Video: 55 pF/m		Audio: < 75 pF/m - Video: < 53 pF/m
	CDR/SDR 1 KHz	Audio: 180 pF/m		Audio: 90 ohm - Video: 75 ohm
Nominal Impedance		Audio: 530 ohm/100 m - Video: 75 ohm/100 m		Audio: 90 ohm/100 m - Video: 75 ohm/100 m
Attenuance db/100 m		Audio: 0.20 at 1 KHz - Video: 7.5 at 50 MHz/14.9 at 200 MHz 24.3 at 500 MHz/31.2 at 800 MHz		1.0 at 1 MHz / 3.5 at 10 MHz / 7.5 at 50 MHz / 11.0 at 100 MHz / 15.0 at 200 MHz / 19.0 at 300 MHz / 25.0 at 500 MHz / 32.0 at 800 MHz
Vel. of Prop		80%		
GENERAL DATA				
Cable	O.D.	17.40 mm	15.0 mm	19.60 mm
	Standard reels	200 m		500 m
	Weight	48.70 Kg/100 m	34.90 Kg/100 m	49.0 Kg/100 m
	Operating temperature	-20°C/+70°C		
Jacket	Material	PVC TM2		High tech polymer
	Nom. Thick.	1.45 mm	1.40 mm	
Shield	Material	Audio: Red copper spiral shield - Video: Annealed tinned braid shield + Aluminium/polyestere tape - Power: Annealed tinned copper double spiral shield - Overall: Annealed tinned copper braid shield		Audio and Power: Tinned copper spiral Video: Tinned copper braid
	Coverage	Audio: 100% - Video: 100 + > 85% - Power: 100% + 100% - Overall: > 85%		Audio: 100% - Video: > 85% - Power: 100% Audio - Power: spiral shield - Video: *braid shield
Conductor	Qty	Audio: 6 - Video: 4 - Control: 8 - Power: 1	Audio: 2 - Video: 2 - Control: 6 - Power: 1	Audio: 8 - Video: 6 - Power: 1
	Strand	Audio: 28 x 0.10 mm - Video: 1 x 0.60 mm - Control: 28 x 0.10 mm Power: 48 x 0.20 mm		Audio: 18 x 0.10 mm - Video: 1 x 0.50 mm - Power: 84 x 0.15 mm
	Area/AWG	Audio: 0.22 mm²/24 - Video: 0.28 mm²/24 - Control: 0.22 mm²/24 Power: 1.5 mm²/16		Audio: 0.14 mm²/26 - Video: 0.28 mm²/24 - Power: 1.5 mm²/16
	Insul. O.D.	Audio: 1.05 mm - Video: 2.8 mm - Control: 1.15 mm - Power: 3.0 mm		Audio: 1.1 mm - Video: 2.5 mm - Power: 2.6 mm
	Material	Audio - Video and control: Annealed bare copper polyolefine insulated Power: Annealed bare copper PVC R2 insulated		Audio and Video: Annealed tinned copper polyolefine insulated - Power: Annealed tinned copper PVC R3 insulated

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

DMX Cables

eurocable DMX cable range meets the DMX 512/1990 standard for data transmission in lighting control applications.

All cables have high flexibility and small gauge which is suitable for easy XLR connection. Available in four different versions.

FLAME RETARDANT: IEC 60332-1, EN 60332-1	FLAME RETARDANT: IEC 60332-1, EN 60332-1	FLAME RETARDANT: IEC 60332-1, EN 60332-1	
JACKET COLOR ■■■	JACKET COLOR ■■■	JACKET COLOR ■■■	JACKET COLOR ■■■
200 m ON CARDBOARD REELS	200 m ON WOODEN REELS	200 m ON WOODEN REELS	500 m ON WOODEN REELS
INSTALLATION/MOBILE	INSTALLATION/MOBILE	INSTALLATION/MOBILE	INSTALLATION/MOBILE
			
			
CVS LK DMX S	CVS LK DMX D	CVS LK DMX CC	CVS LK DMX 4
<ul style="list-style-type: none"> Two conductors double shielded with tinned copper braid and aluminium/mylar foil. 	<ul style="list-style-type: none"> Two pairs included in an overall double shield. The two additional conductors are suitable for the feedback signal on digital controls. 	<ul style="list-style-type: none"> Single data pair and 2x2 mm² power wires shielded in aluminium foil. 	<ul style="list-style-type: none"> Four individually insulated DMX 512 cables (double shielded) included in a single jacket.

ELECTRICAL DATA					
Description		Single pair for DMX 512	Double pair for DMX 512	DMX 512 w/color change power supply	Four pairs cable for DMX 512
D.C.R.	Conductor	65 ohm/km		Data: 80 ohm/km/Power:10 ohm/km	85 ohm/km
	Shield	19 ohm/km	14 ohm/km	150 ohm/km	< 45 ohm/km
Capacitance 1 KHz	CDR/CDR	40 pF/m	45 pF/m	33 pF/m	31 pF/m
	CDR/SCR	90 pF/m	75 pF/m	82 pF/m	59 pF/m
Nominal Impedance		110 ohm			120 ohm
Attenuance 256 KHz		2 db/100 m			1 db/100 m
Vel. of Prop.		78%			80%
Inductance		55 µH/100 m			80 µH/100 m
GENERAL DATA					
Cable	O.D.	5.50 mm	7.80 mm		13.7 mm
	Standard reels	200 m			500 m
	Weight	2.90 Kg/100 m	7.50 Kg/100 m	11.50 Kg/100 m	22.20 Kg/100 m
	Oper. Temp	-20°C/+70°C			
Jacket	Material	PVC flame retardant			PVC
	Nom. Thick.	0.85 mm	1.75 mm	0.7 mm	1.20 mm
Shield	Material	First: Aluminium/Mylar foil Second: Tinned copper braid		First: Aluminium/Mylar foil	First: Aluminium/Polyester foil Second: Tinned copper braid
	Coverage	100% + 75%		100%	100% + 80%
Conductor	Qty	2	2 + 2	Data: 1 - Power: 2	8
	Strand	7 x 0.20 mm		Data: 7 x 0.20 - Power: 43 x 0.25 mm	7 x 0.20 mm
	Area/AWG	0.22 mm²/24		Data: 0.22 mm²/24 Power: 2 mm²/14	0.22 mm²/24
	Delect. O.D.	1.60 mm		Data: 1.6 mm - Power: 2.7	1.50 mm
	Material	Annealed tinned copper foamed polyethylene insulated		Data: Tinned copper P.E. insulated Power: Tinned copper PVC insulated	Annealed tinned copper foamed polyolefine insulated


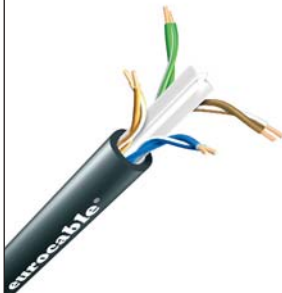
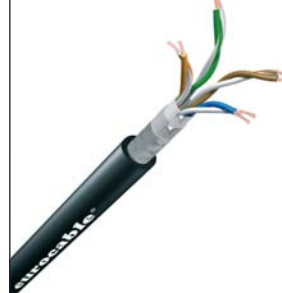
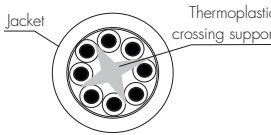
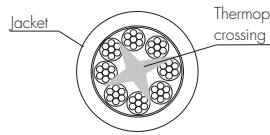
Not suitable for applications above 50 volt ac; 75 volt dc.

CAT 5 Cables

eurocable CAT 5e 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 and can be examined in further detail below. CAT 5e 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 100 MHz, is compliant with the standard at the specified length. The **eurocable** CAT 5e range includes both standard and patch cables. The standard cable, made with solid bar, is designed for transmitting high bandwidth signals over long distances (typically 300 ft or 90 m as per the published standard). The patch cables are more flexible and generally used in Ethernet applications for shorter runs (up to 15 ft or 5 m), even though **eurocable** patch cables pass the ISO/IEC and EIA/TIA certification test up to 165 ft or 50 m. Please note that some digital audio protocols may permit longer distances than the Ethernet standard allows and can be tested for specific manufacturer applications (*).

* 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.

JACKET COLOR ■	JACKET COLOR ■	JACKET COLOR ■
200 m ON WOODEN REELS	200 m ON WOODEN REELS	500 m ON WOODEN REELS
MOBILE	MOBILE	MOBILE
		
		
CUS LK CAT 5E	CUS LK CAT 5E P	CUS LK CAT 5E SF P
<ul style="list-style-type: none"> • UTP Flexible CAT 5e cable. • ISO/IEC 11801 and EIA/TIA 568B.2 certificated up to 90 m (300 ft). 	<ul style="list-style-type: none"> • UTP Extra flexible CAT 5e patch cable. • ISO/IEC 11801 and EIA/TIA 568B.2 certificated up to 50 m (165 ft). 	<ul style="list-style-type: none"> • S-FTP Extra flexible CAT 5e patch cable. • Recommended for use up to approx 50 m (165 ft).
<p>The values represented in the table below, show the worst case cable test results for a specific pair and frequency. These values are most comparable to the limits established by the EIA/TIA 568B.2 and ISO/IEC 11801 standards at the maximum lengths which the cable can obtain the certification.</p>		


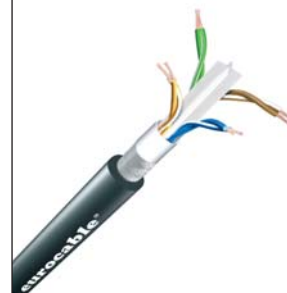

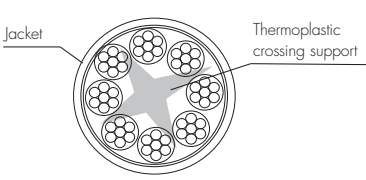
ELECTRICAL DATA				
Length test	0-100 MHz	91.5 m	55 m	
Attenuance	Worst value	3.0 db @ 2.50 MHz	2.1 db @ 2.65 MHz	2.4 db @ 2.65 MHz
	Limit	> 3.1 db		
Return Loss	Worst value	20.4 db @ 26.50 MHz	18.5 db @ 91.75 MHz	19.2 db @ 82.25 MHz
	Limit	< 16.2 db	< 12.5 db	< 12.9 db
NEXT	Worst value	41.8 db @ 87.00 MHz	44.2 db @ 79.00 MHz	50.2 db @ 54.25 MHz
	Limit	>= 33.6 db	>= 37.1 db	>= 34.23 db
ACR	Worst value	21.5 db	27.9 db	25.3 db
	Limit	>= 14.0 db	>= 13.1 db	
ELFEXT	Worst value	32.1 db @ 73.50 MHz	41.0 db @ 98.00 MHz	39.8 db @ 99.50 MHz
	Limit	>= 23.0 db	>= 20.3 db	>= 20.2 db
GENERAL DATA				
Cable	O.D.	6.8 mm	7.0 mm	6.5 mm
	Standard reels	305 m		
	Weight	4.29 Kg/100 m	4.44 Kg/100 m	5.82 Kg/100 m
Jacket	Material	Reticulated Elastomeric Mixture		PVC
	Nom. Thick.	1.50 mm		
Conductor	Qty	4 x 2		
	Strand	1 x 0.53 mm	7 x 0.20 mm	
	Area/AWG	0.22 mm²/24		
	Material	Annealed solid bare copper polyolefine insulated	Annealed bare copper polyolefine insulated	Annealed bare copper foamed polyolefine insulated

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

CAT 6 Cables

eurocable CAT 6 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 and can be examined in further detail below. CAT 6 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 250 MHz, is compliant with the standard at the specified length. The **eurocable** CAT 6 range includes both single and multi-CAT 6 cables which are 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 (*).

JACKET COLOR ■	JACKET COLOR ■	JACKET COLOR ■
305 m ON WOODEN REELS	305 m ON WOODEN REELS	200 m ON WOODEN REELS
MOBILE	MOBILE	MOBILE
		
		
CUS LK CAT6 UTP	CUS LK CAT6 STP	CUS LK 6CAT6
<ul style="list-style-type: none"> • UTP Flexible CAT 6 cable. • ISO/IEC 11801 and EIA/TIA 568B.2 certified. 	<ul style="list-style-type: none"> • STP Extra flexible CAT 6 cable. • ISO/IEC 11801 and EIA/TIA 568B.2 certified. 	<ul style="list-style-type: none"> • Six UTP multichannel flexible CAT 6 cable. • ISO/IEC 11801 and EIA/TIA 568B.2 certified up to 90 m (300 ft).

* 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.

The values represented in the table below, show the worst case cable test results for a specific pair and frequency. These values are most comparable to the limits established by the EIA/TIA 568B.2 and ISO/IEC 11801 standards at the maximum lengths which the cable can obtain the certification.

ELECTRICAL DATA												
Frequency [MHz]	1	4	10	16	20	31,25	62,5	100	155	200	250	350
Attenuance [db/100]	1,9	3,5	5,7	7,3	8,1	10,2	14,8	19	24,1	27,5	30,9	37,3
NEXT [db]	80	72	68	65	63	61	58	55	52	50	47	45
PS-NEXT [db]	78	69	65	62	61	59	55	53	49	47	45	43
ELFEXT [db]	80	71	63	58	56	52	46	42	38	36	34	27
PS-ELFEXT [db]	81	67	58	55	53	49	43	39	35	33	23	26
ACR [db]	76,4	68,5	60,3	55,7	53,2	49,2	48	34,7	25,7	20,3	14,6	7,2
RL [db]	29	32	31	31	31	29	28	27	24	23	21	20
GENERAL DATA												
Cable	O.D.		8.5 mm				8.5 mm			25.7 mm		
	Standard reels		305 m				305 m			200 m		
	Weight		7.1 Kg/100 m				10.7 Kg/100 m			68.7 Kg/100 m		
Jacket	Material		PVC (Double layer)				PVC (Double layer)			PVC		
Shield	Material		-				Tinned copper braid			Tinned copper braid (Overall)		
	Coverage		-				80%			80%		
Conductor	Qty		4 x 2				4 x 2			6 x 4 x 2		
	Strand		1 x 0.58 mm									
	Area/AWG		0.22 mm² /24									
	Material		Electrolytic copper polyethylene insulated								Solid bare copper polyolefine insulated	

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

Multisignal CAT Cables

The **eurocable** 2CAT6 AD2 hybrid cable perfectly responds to the need of CAT6 drive snake connectivity and other applications where both CAT 6 and balanced lines are required in one cable. Featuring two CAT 6 lines (maximum length 90 m) and two balanced AES audio lines in one jacket, the 2CAT6 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 line or any other audio applications. This cable has a copper shield and a highly conductive thermoplastic shield to guarantee excellent insulation from the shield rubbing against the dielectric (microphone effect). Built following **eurocable**'s perfect balance between flexibility and durability renowned worldwide.

CUS LK 2CAT6 AD6

The new 2CAT6 AD6 offers the same characteristics of CUS LK 2CAT6 AD2 featuring six balanced AES audio lines, instead of two.

JACKET COLOR	■
305 m ON WOODEN REELS	
MOBILE	

Has a copper shield and highly conductive thermoplastic shield to guarantee excellent insulation from the shield rubbing against the dielectric (Microphonic effect).

CUS LK 2CAT6 AD2	CUS LK 2CAT6 AD6
<ul style="list-style-type: none"> • Two CAT 6 lines for use up to 90 m (300 ft). • Two AES audio pairs. 	<ul style="list-style-type: none"> • Two CAT 6 lines for use up to 90 m (300 ft). • Six AES audio pairs.

ELECTRICAL DATA												
Frequency [MHz]	1	4	10	16	20	31,25	62,5	100	155	200	250	350
Attenuance [db/100]	1,9	3,5	5,7	7,3	8,1	10,2	14,8	19	24,1	27,5	30,9	37,3
NEXT [db]	80	72	68	65	63	61	58	55	52	50	47	45
PS-NEXT [db]	78	69	65	62	61	59	55	53	49	47	45	43
ELFEXT [db]	80	71	63	58	56	52	46	42	38	36	34	27
PS-ELFEXT [db]	81	67	58	55	53	49	43	39	35	33	23	26
ACR [db]	76,4	68,5	60,3	55,7	53,2	49,2	48	34,7	25,7	20,3	14,6	7,2
RL [db]	29	32	31	31	31	29	28	27	24	23	21	20
GENERAL DATA												
Cable	O.D.		18.3 mm					20.7 mm				
	Standard reels		305 m					305 m				
	Weight		38.5 Kg/100 m					44.2 Kg/100 m				
Jacket	Material		PVC					PVC				
	Nominal Thick		2.46 mm					2 mm				
Shield	Material		Tinned copper braid + drain wire 18 x 0.10 mm									
	Coverage		100%					100%				
Conductor	Qty		Audio: 2 - CAT 6: 2					Audio: 6 - CAT 6: 2				
	Strand		Audio: 18 x 0.10 mm - CAT 6: 1 x 0.58 mm									
	Area/AWG		Audio: 0.14 mm²/26 - CAT 6: 0.22 mm²/24									
	Insulation O.D.		Audio: 1.25 mm									
	Material		Audio: Annealed tinned copper polyolefine insulated - CAT 6: Annealed bare copper polyolefine insulated									

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

Power Cable


The new lighting power cable (19x2,5 mm²) consists of six circuits individually numbered and coloured following the HD 308/200 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. Its flexibility, robustness and high flame retardant rate allow ideal performances in fixed and outdoor applications.

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

JACKET COLOR

200 m ON WOODEN REELS

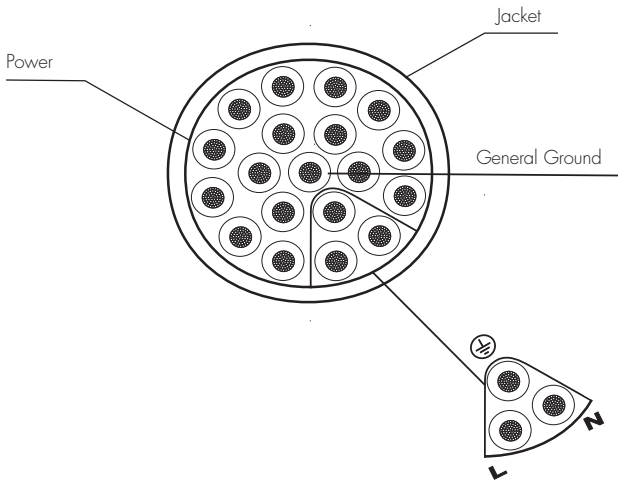
CE



Power

Jacket

General Ground

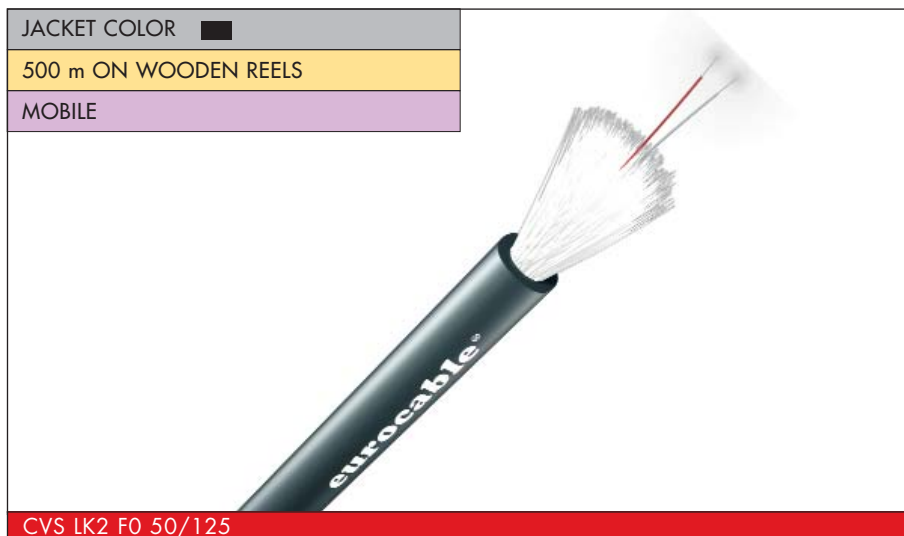


CVS LK 6/3G2.5

GENERAL DATA			
Cable	O.D.		18.6 mm
	Standard reels		200 m
	Weight		67.9 Kg/100 m
	Operating temp		-20°C/+70°C
Jacket	Material		PVC TM2
	Nominal Thick		3 mm
Conductor	D.C.R. at 20°C		<=8.31 ohm/Km
	Ins. Resistance		>128 Mohm/Km
	Voltage test		2500 among conductors Vcax5'
	Qty		19
	Strand		48x0.25 mm
	Area/AWG		2.31 mm²/13
	Insulation O.D.		3 mm
	Material		Bare copper PVC R2 insulated

Fiber optic Cable

Audio distribution systems using optical signal interfaces require a robust cable resisting to usual Live show mechanical stress. The **eurocable** fiber optic featuring two 50/125 multimodal cores has been created to satisfy these entertainment industry needs.

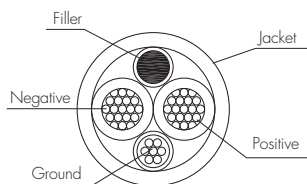


CVS LK2 F0 50/125

ELECTRICAL DATA		
Numerical aperture		0.20 (± 0.02)
Core diameter		50 (± 3) μ m
Cladding diameter		125 (± 3) μ m
Attenuance db/100 m		≤ 28 at 850 nm ≤ 0.8 at 1300 nm
Bandwidth Mhz*km		≥ 500 at 850 nm ≥ 500 at 1300 nm
GENERAL DATA		
Cable	O.D.	6.5 mm
	Standard reels	500 m
	Weight	43 Kg/km
	Operating temperature	-10°C/+ 50°C
	Installation temperature	0°C/+ 50°C
	Storage Temperature	-10°C/+ 50°C
Jacket	Material	PVC
	Protection	Aramid fiber bundle
Fiber optic core	Material	First and second coating: Silicon/Polyamide
	Diameter	400/850 μ

ULP

The **eurocable** ULP carries Link Power which is an Eschelon Communications 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.



CVS LK ULP

GENERAL DATA		
Jacket	Material	PVC
	Nominal O.D.	7.1 mm
Conductor	Qty	2 AWG 16 - 1 AWG 18
	Strand	AWG 16: 19 x 0.30 mm - AWG 24: 24 x 0.20 mm
	Area/AWG	1,5 mm ² /16 - 0,75 mm ² /18
	Insulation Type	PVC

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

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.



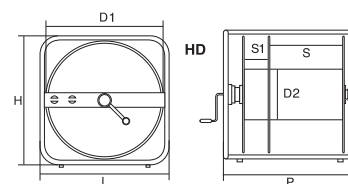
HD Series

This range of cable reels feature 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)

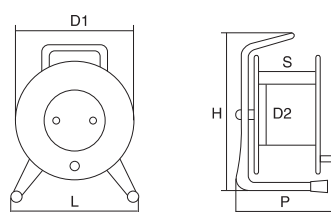
D = Overall diameter (mm)

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									
Lenght 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 or metal, they meet all safety and quality requirements. All cable reels are equipped with brake.



AV Code	AX100	SP380	SP450	SK460
GENERAL DATA				
Material	Thermoplastic			Steel
DIMENSIONAL DATA				
K mm³	4.0	11.7	17.5	18.0
D1 mm	264	385	445	460
D2 mm	135	178	295	178
S mm	110	142	177	142
H mm	365	450	554	550
P mm	200	200	270	230
L mm	280	325	395	375
Weight Kg	1,3	3,5	5,1	7,2
Packaging dimensions cm	38x21.5x29	45x24.5x39	56x34x46	55.5x26x48

AV Code	FS 350	FS 500	SC170	KOMB 450	KOMB SO
Description	Cable restraining strap. velcro stop. lenght 80 cm	Cable restraining strap. velcro stop. lenght 90 cm	Cable support flange for items AV SP380 and AV SK460	Side lid for AV SP450	Side lid for AV SP80 and AV SK460
Code					
PFAV1X04		PFAV2X12		PFAV3X24	
Description	Side panel for AV AX100 for 4 XLRs		Side panel for AV SP380 and AV SK360 for 12 XLRs		Side panel for AV SP450 for 24 XLRs

Cross Reference Chart

METRIC/AWG WIRE SIZE EQUIVALENTS

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	10	11	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	5.26	4.17	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.

CONDUCTORS 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
Ohm/km	578	350	232	146	76.4	55	44	34.5	23	14.7	8.8	4.5

CAPACITANCE TABLE OF 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 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.

Terms of Sale

PRICES

All prices are expressed in Euro (€), excluding V.A.T. and may be subject to change without any notice.

PAYMENT

All goods must be paid in advance by wire transfer. Any other payment terms must be previously agreed and allowed by LINK Srl.

ORDERS

Minimum order value is € 1.000. A written order must always be sent, either by email or by fax, as confirmation of telephone instructions. The contractual tie raised from the accomplishment of each single order is governed by the regulations of these conditions of sale. The buyer renounces to its own possible conditions of purchase, unless differently agreed upon and specifically accepted in writing by LINK Srl.

DELIVERY

Goods are normally dispatched within one week from confirmation of order. Nevertheless this delivery term is purely arbitrary as it may depend on both production times and circumstances beyond our control such as strikes, customs clearance and carriers. LINK Srl cannot therefore be responsible in any case and for any reason for any damage caused by delayed deliveries. The buyer is not authorized in any case

to cancel the order, without prior written authorization, or to claim for any reimbursement of damages to any order or shipment whatsoever.

SHIPMENTS

All goods are shipped Ex-Works and travel at the buyer's risk. For this purpose, the buyer must indicate the means of transport chosen when placing the order. LINK Srl will not be responsible for any theft, loss or damage with regard to the carriage of goods. The buyer undertakes to verify the number of items and their integrity in debate with either its carrier or its forwarding agent. Any theft, loss or damage to the goods in transit must be notified and claimed to them upon receipt of goods.

LINK Srl may offer transportation on the buyer's behalf at rates to be agreed upon prior to shipment. In the event of any theft, loss or damage in such cases, a note must be made in writing on the transport document upon delivery and to LINK Srl immediately, otherwise no reimbursement can be claimed by the buyer.

RETURN OF GOODS

No returned goods can be accepted without prior authorization by LINK Srl. Once authorized, as defective goods or not in conformity with the order, they will be returned to LINK Srl carriage free,

accompanied by a regular Return Bill detailing invoice numbers for each item returned, the products will be credited at the price applied at the time of purchase, less 10%. Goods accepted back as defective that should show marks of poor packing or improper use, will not be replaced but immediately returned to the buyer freight collect.

WARRANTY

The warranty is limited to the replacement of the products which are recognized as defective, except when directly or indirectly damaged, as per art. 1490 and subsequent amendments of the Italian Civil Code. The warranty does not include the normal perishability of goods nor the consequences of incorrect installation or breakage caused by improper use or lack of care. The products have to be perfectly installed attentively following the instructions of mounting/use. With this aim, the buyer exempts LINK Srl from any responsibility regarding improper use, non-observance of the safety regulations, technical specifications or instructions of use.

TECHNICAL SPECIFICATIONS

All products are liable to change without prior notice, in view of the manufacturing policy based on "continuous improvement" of the product quality.

OWNERSHIP

In case of total or partial invoice payment failure over the due term, the relative interests will be immediately charged to the buyer at the current rate as well as the additional bank commissions and fees. LINK Srl will be authorized to hold any further supply of goods in case of failure of payment due to any reason. The property of goods supplied by LINK Srl shall not pass to the buyer until the agreed price, including possible freight charges and taxes, are completely paid. In case of both total or partial payment failure, LINK Srl will immediately resume the ownership of the goods, leaving unprejudiced all other legal and contractual consequences of arrears.

GENERAL CONDITIONS

The placing of orders to LINK Srl imply the knowledge and full acceptance of the above mentioned conditions of sale by the buyer. Any issue which is not mentioned in these Terms of Sale will be ruled by the current Italian law.

LEGAL CONSTRUCTION

All contracts concluded with LINK Srl shall be governed by the Italian law. LINK Srl elects the Court of Rome as governing Forum in case of controversies.

eurocable



LINK srl

Via Pieve Torina, 46/48 - 00156 Rome (Italy)

tel. +39 06 227251 - Fax +39 06 22725225

www.linkitaly.com - info@linkitaly.com

LINK USA Inc

1020 Bunnell Road, Altamonte Springs, FL 32714, USA

tel +1 4077740088 - Fax +1 4074725064

www.linkusa-inc.com - info@linkusa-inc.com