

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.

MADE IN ITALY



MOBILE	INSTALLATION	INSTALLATION/MOBILE
JACKET COLOR	JACKET COLOR	JACKET COLOR
200 m ON WOODEN REELS	200 m ON WOODEN REELS	500 m ON WOODEN REELS
CVS LKCRON 1	CVS LKCRON 2	CVS LK A8V6P1
Six audio, four video, eight intercom or phone lines, one 3 x 1.5 mm² power.	Two audio, two video, six intercom or phone lines, one 3 x 1.5 mm² power.	- 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: < 13.30 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 1KHz	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
Attenuation 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 800MHz		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	15.00 mm	19.60 mm
	Standard reels	200 m		500 m
	Weight	48.70 Kg/100 m	34.90 Kg/100 m	49.00 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 - Polyester 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: 1.50 mm²/16		Audio: 0.14 mm²/26 - Video: 0.28 mm²/24 - Power: 1.50 mm²/16
	Insul. O.D.	Audio: 1.05 mm - Video: 2.80 mm - Control: 1.15 mm - Power: 3.00 mm		Audio: 1.10 mm - Video 2.50 mm Power: 2.60 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