

# Digital Video Cables (HDTV)

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

### CVS LKRG59DS

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

### 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 LKRG11DSHF

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

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



CVS LKRG59DS      CVS LKRG6DS      CVS LKRG11DSHF

ELECTRICAL DATA		CVS LKRG59DS	CVS LKRG6DS	CVS LKRG11DSHF
D.C.R. at 20°C	Conductor	35 ohm/km	22.5 ohm/km	10 ohm/km
	Shield	9 ohm/km	8.3 ohm/km	8 ohm/km
Capacitance		-	53 pF/m	
Nominal Impedance		75 ohm		
Attenuation db/100 m - MHz		5.4 at 50 / 10.6 at 200 / 16.4 at 470 / 22.7 at 860 / 25 at 1000 / 29.4 at 1350 / 33.9 at 1750 / 38.1 at 2250 / 46 at 3000	8.7 at 200 / 13.2 at 470 / 18.5 at 862 / 20.2 at 1000 / 23.8 at 1350 / 25.6 at 1500 / 27.6 at 1750 / 31 at 2150 / 33.1 at 2400 / 35.9 at 2750 / 38 at 3000	0.8 at 5 / 2.8 at 50 / 5.9 at 200 / 8.9 at 470 / 12.1 at 800 / 13.5 at 1000 / 17.4 at 1500 / 21.1 at 2150 / 24.0 at 2750 / 25.4 at 3000
Vel. of Prop.		84%	84%	
GENERAL DATA				
Cable	O.D.	6.00 mm	7.00 mm	10.10 mm
	Standard reels	1000 m		500 m
	Weight Kg/100m	5.40	6.58	9.06
	Operating temperature	-30°C/+70°C		
Jacket	Material	Low smoke emission PVC	PVC	LSZH Thermoplastic
	Nominal Thickness	0.80 mm	0.90 mm	1.10 mm
Shield	Material	First: Aluminium foil Second: Tinned copper braid		First: Aluminium - Polyester - Aluminium Material foil - Second: Tinned copper braid
	Coverage	First: 100% - Second: 96%	First: 100% - Second: 96%	
Conductor	Quantity	1		
	Strand	1 x 0.80 mm	1 x 1.00 mm	1 x 1.65 mm
	Area/AWG	0.50 mm <sup>2</sup> /20	0.79 mm <sup>2</sup> /18	5.20 mm <sup>2</sup> /10
	Dielectric O.D.	3.65 mm	4.60 mm	7.20 mm
	Material	Solid bare copper, foamed polyethylene insulated		Red copper, foamed polyethylene insulated

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