

Technical Data Sheet

HD VIDEO CABLE 75

36-637 CANFORD SDV-L-X-LFH CABLE Violet

APPLICATION

Video cables are primary used in closed circuit TV systems and in several studio applications for transmission of image signals.

STANDARDS

For analogue and digital video signals (Composite, Component, SDI, SDV, SDTI, HDTV)

FLAME RESISTANCE

FRNC: IEC 60332-1; IEC 60754-2; IEC 61034

CONSTRUCTION

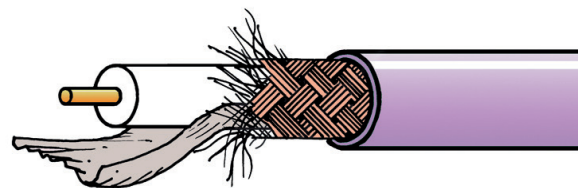
Inner conductor	solid copper wire, bare, diameter 1.0 mm
Insulation	Foam-PE, diameter 4.8 mm
Outer conductor	Al-PET-Al-foil under tinned copper braid, diameter 5.6 mm
Sheath	FRNC diameter 7.0 mm anthracite

ELECTRICAL PROPERTIES AT 20°C

DC resistance	Inner conductor	22 /km
	Outer conductor	7 /km
Mutual capacitance		56 pF/m
Characteristic impedance		75 ± 0.75
Velocity ratio		78 %
Screening factor		≥ 100 dB

ELECTRICAL DATA AT 20°C

Return loss	(MHz)	(dB)
	50 – 300	≥ 26
	300 – 3000	≥ 22
	3000 – 3500	≥ 18
	3500 – 5000	≥ 15



Attenuation	(MHz)	(dB/100m)
	1	0.8
	3	1.3
	5	1.6
	10	2.1
	30	3.5
	100	6.2
	200	8.9
	300	11.3
	500	14.8
	800	18.5
	1000	20.7
	1500	24.9
	2250	31.7
	3000	37.3
	3500	41.5
	4000	47.2
	4500	51.2
	5000	55.1

TECHNICAL DATA

Product code	36-637
Type	SDV-L-X-LFH
Weight	69 kg/km
Standard delivery length	1000m
Drum size	071 KTG/ring
Copper content	35
Tensile force	140N
Bending radius	45mm
Storage	inside