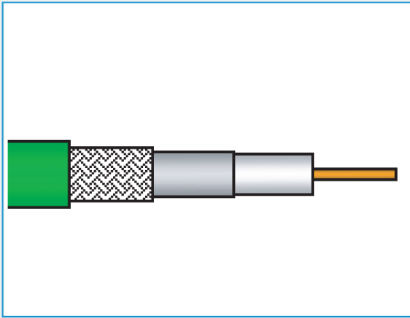


0.6/2.8 AF S

Video Cable 75 Ω



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)

Fire Rating

- PVC: IEC 60332-1
- FRNC: IEC 60332-1/2, IEC 60332-3, IEC 60754-2
- FRNC-C: IEC 60332-3 C

Construction

Inner conductor	solid copper wire, bare, diameter 0.6 mm
Insulation	Foam-PE, diameter 2.8 mm
Outer conductor	Al-PETP-Al-foil under tinned copper braid, diameter 3.4 mm
Sheath	LSZH, diameter 4.5 mm green, RAL 6018
Weight	Nom. 28 kg/km
Tensile force N	60

Electrical Properties at 20°C

DC resistance	Inner conductor	61 Ω/km
	Outer conductor	17 Ω/km
Mutual capacitance	-	56 pF/m
Characteristic impedance	-	75 Ω ± 0.75 Ω
Velocity ratio	-	78 %
Screening factor	-	> 100 dB

Nominal Transmission Characteristics at 20°C

Attenuation (dB/100m)		Return loss (dB)	
Frequency (MHz)		Frequency (MHz)	
1	1.2	50 - 300	≥ 26
3	1.9	300 - 3000	≥ 22
5	2.5	3000 - 3500	≥ 18
10	3.5	3500 - 5000	≥ 15
30	5.5	-	-
100	10.0	-	-
200	14.1	-	-
300	17.8	-	-
500	23.0	-	-
800	29.7	-	-
1000	33.2	-	-
1500	41.0	-	-
2250	50.2	-	-
3000	60.9	-	-
3500	65.8	-	-
4000	69.8	-	-
4500	74.0	-	-
5000	77.9	-	-

Ordering Information

P/N	Product Description	P.U
-	0.6/2.8 AF S LSZH-C green, Video Cable 75 Ω, 0.6/2.8 AF S	1000m/drum