

HD PRO 0.6/2.8 AF

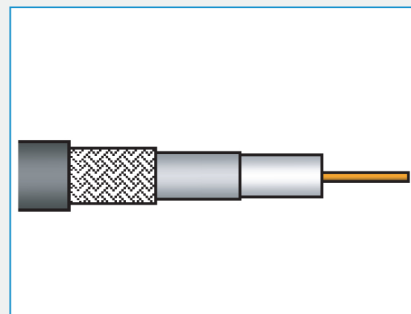
HD Video Cable 75 Ω

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	LSZH, PVC, PUR diameter 7.0 mm
	green, RAL 6018, blue, RAL 5015
Weight	Nom. 28 kg/km
Tensile force N	60

Electrical Properties at 20°C

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



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

- IEC 60332-1/2, IEC 60332-3, IEC 60754-2

Electrical Data 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	5.9	-	-
100	10.0	-	-
200	14.1	-	-
300	17.8	-	-
500	24.0	-	-
800	29.7	-	-
1000	33.2	-	-
1500	39.6	-	-
2250	50.2	-	-
3000	60.9	-	-
3500	65.8	-	-
4000	69.8	-	-
4500	74.2	-	-
5000	78.9	-	-

Ordering Information

P/N	Product Description	P.U
1014488	HD PRO 0.6/2.8 AF, HD Video Cable 75 Ω, HD PRO 0.6/2.8 AF	1000m/drum