



HD PRO 0.8/3.7 AF

HD Video Cable 75 Ω



Application

Video cables are primarily 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 0.8 mm
Insulation	Foam-PE, diameter 3.7 mm
Outer conductor	Al-PET-Al-foil under tinned copper braid, diameter 4.5 mm
Sheath	FRNC, diameter 5.9 mm anthracite
Printing	DRAKA - HD PRO 0.8/3.7 AF - 75 Ω ± 1%

Electrical properties

at 20°C

DC resistance	Inner conductor	35 Ω/km
	Outer conductor	10 Ω/km
Mutual capacitance		56 pF/m
Characteristic impedance		75 Ω ± 0.75 Ω
Velocity ratio		78 %
Screening factor		≥ 100 dB



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Electrical data

at 20°C

Attenuation (dB/100m)		Return loss (dB)	
Frequency (MHz)		Frequency (MHz)	
1	0.9	50 – 300	≥ 26
3	1.5	300 – 3000	≥ 22
5	1.9	3000 – 3500	≥ 18
10	2.7	3500 – 5000	≥ 15
30	4.4		
100	7.9		
200	10.9		
300	13.3		
500	17.6		
800	22.8		
1000	25.5		
1500	30.6		
2250	39.5		
3000	46.5		
3500	51.7		
4000	56.2		
4500	60.1		
5000	65.3		

Technical data

Product code	Type	Weight kg/km	Standard delivery length m	Drum size KTG/ring	Copper content	Tensile force N	Bending radius mm	Storage
1014489	HD PRO 0.8/3.7 AF	49	1000	051	25	100	40	inside