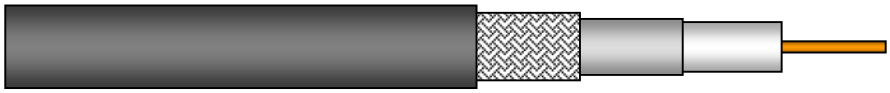
HD PRO 0.6/2.8 AF

HD Video Cable 75 Ω



Eca
CPR

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: FRNC: IEC 60332-1, IEC 60754, IEC 61034, Class E_{ca}

Construction

Inner conductor	solid copper wire, bare, diameter 0.6 mm
Insulation	Foam-PE, diameter 2.8 mm
Outer conductor	Al-PET-Al-foil under tinned copper braid, diameter 3.4 mm
Sheath	FRNC, diameter 4.5 mm Anthracite
Printing	**DRAKA -** HD PRO 0.6/2.8 AF - 75 Ω ± 1% + batch number + metermarking

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

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Electrical data

at 20°C

Attenuation (dB/100m)		Return loss (dB)	
Frequency (MHz) nominal		**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		

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
1014488	HD PRO 0.6/2.8 AF	28	1000	051	14	60	25	inside

[PRODUCT CODE TABLE]