

HD PRO FLEX 1.0L/4.8 Dz

Video Cable 75 Ω



Application

Video cables are primary used in closed circuit TV systems and in studio applications.

Standards

For analogue and digital video signals (Composite, Component, SDI, SDV, SDTI, HDTV, UHD, 4K)

Flame resistance

Patch cable, not CPR relevant

Construction

Inner conductor	stranded copper wire, diameter 1.0 mm
Insulation	Foam-PE, diameter 4.8 mm
Outer conductor	2xCu-braid, tinned
Sheath	DMC FLEX PVC diameter 7.0 mm black, RAL 9005
Printing	DRAKA - HD PRO FLEX 1.0L/4.8Dz - 75 Ω ± 1% - HDTV

Electrical properties

at 20°C

DC resistance	Inner conductor	21 Ω/km
	Outer conductor	5 Ω/km
Mutual capacitance		56 pF/m
Characteristic impedance		75 Ω ± 0.75 Ω
Velocity ratio		67 %
Screening factor		> 90 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
10	2.0	300 – 3000	> 22
100	9.2	3000 – 3500	> 18
200	13.3	3500 – 4500	> 15
300	16.5		
500	21.3		
800	25.8		
1000	32.0		
1500	39.2		
2250	51.2		
3000	59.1		
3500	63.8		
4000	68.2		
4500	72.3		
5000	76.2		
6000	83.4		
9000	102.1		
12000	117.8		

Technical data

Product code	Type	Weight kg/km	Standard delivery length m	Drum size *PWD	Copper content	Tensile force N	Bending radius mm	Storage
60011389	1.0L/4.8Dz Flex PVC	80	1000	600/200/ 310	80	115	45	inside

*PWD (plywood drum)

[PRODUCT CODE TABLE]

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