

UHD 1.2/5.0Dz

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, 8K)

Construction

Inner conductor	copper wire, diameter 1.2 mm
Insulation	Foam-PE, diameter 4.9 mm
Outer conductor	2 x Cu-braid, tinned
Sheath	DMC FLEX PUR diameter 7.0 mm black, RAL 9005
Printing	DRAKA - UHD 1.2/5.0Dz - 75 Ω ± 1% - HDTV

Electrical properties

at 20°C

DC resistance	Inner conductor	15 Ω/km
	Outer conductor	9 Ω/km
Mutual capacitance		56 pF/m
Characteristic impedance		75 Ω ± 0.75 Ω
Velocity ratio		78 %
Screening factor		> 80 dB
Temperature range		-30° to 85°C

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Electrical data

at 20°C

Attenuation (dB/100m)		Return loss (dB)	
Frequency (MHz)		Frequency (MHz)	
		50 – 300	> 26
1	1.1	300 – 3000	> 22
10	1.6	3000 – 3500	> 18
100	5.3	3500 – 500	> 15
200	9.3		
750	15.8		
1500	22		
3000	31.0		
6000	44.7		
9000	57.7		
12000	63.2		

Technical data

Product code	Type	Weight kg/km	Standard delivery length m	Drum size *PWD	Copper content	Tensile force N	Bending radius mm	Storage
60086899	UHD 1.2/5.0Dz	80	1000	600/200/310	50	115	50	inside

*PWD (plywood drum)

[PRODUCT CODE TABLE]

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