

ULTRA HD PRO 150 UHD

Video cable 75 Ω for installation



Application

Video cables are primary used in closed circuit TV systems and in several studio applications for transmission of image signals.

Standards

Designed for 12Gbit/s, 4K, UHD, also for Composite, Component SDI, SDV, SDTI, HDTV (1080i, 720p, 1080p)

Flame resistance

FRNC: IEC 60332-1; IEC 60754-2; IEC 61034

Construction

Inner conductor	Stranded copper wires, silvered, diameter 7x0.75 mm
Insulation	Foam-PE, diameter 9.7 mm
Outer conductor	Al-PET-Al-foil under tinned copper braid,
Sheath	PVC or FRNC, green RAL 6018, diameter 12.7 mm
Printing	DRAKA ULTRA HD PRO 150 UHD SMPTE 292M, SMPTE 424M, 4K, 8K batch number + metermarking

ULTRA HD PRO 150 UHD

Electrical properties

at 20°C

DC resistance	Inner conductor	9.5 Ω/km
	Outer conductor	4.5 Ω/km
Mutual capacitance		56 pF/m
Characteristic impedance		75 Ω
Velocity ratio		78 %
Screening factor		≥ 100 dB
Temperature range		-30° to +75°C

Electrical data (nominal)

at 20°C

Attenuation (dB/100m)		Return loss (dB)	
Frequency (MHz)		Frequency (MHz)	
		50 – 300	≥ 26
750	9.5	300 – 3000	≥ 22
1500	13.9	3000 – 3500	≥ 18
2250	17.5	3500 – 6000	≥ 15
3000	20.3		
6000	28.2		
9000	34.5		
10000	36.3		
12000	39.8		

Technical data

Product code	Type	Weight kg/km	Standard delivery length m	Drum size EW	Copper content	Tensile force N	Bending radius mm	Storage
60047551	ULTRA HD PRO 150 UHD	156	1000	90	80	550	10D	inside

[PRODUCT CODE TABLE]

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