

# 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)

### Flame resistance

### 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	<b>DRAKA</b> COMTEQ – 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	0.5	50 – 300	> 26
10	1.9	300 – 3000	> 22
100	8.0	3000 – 3500	> 18
200	10.1	3500 – 500	> 15
300	14.0		
500	17.3		
800	22		
1000	25.8		
1500	32		
2250	41.6		
3000	49		
3500	54.4		
4000	57.1		
4500	62.2		
5000	67.1		

### Technical data

Product code	Type	Weight kg/km	Standard delivery length m	Drum size *PWD	Copper content	Tensile force N	Bending radius mm	Storage
CT...	1.0L/4.8Dz Flex PVC	80	1000	600/200/3 10	80	115	45	inside

\*PWD (plywood drum)

[PRODUCT CODE TABLE]

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