

0.8L/3.7 Dz

High Flexible Video Cable 75 Ω



Application

Video cables are primarily 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 0.8 mm
Insulation	Foam-PE, diameter 3.7 mm
Outer conductor	2xCu-braid, tinned 4.6 mm
Sheath	DMC FLEX PVC diameter 6.0 mm black, RAL 9005
Printing	DRAKA 0.8L/3.7Dz - 75 Ω +- 1% - HIGHFLEX HDTV 6GHz + batch no. + meter marking

Electrical properties

at 20°C

DC resistance	Inner conductor	50 Ω/km
	Outer conductor	10 Ω/km
Mutual capacitance		56 pF/m
Characteristic impedance		75 Ω ± 0.75 Ω
Velocity ratio		78 %
Screening factor		> 90 dB

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Electrical data

at 20°C

Attenuation (dB/100m) nominal		Return loss (dB)	
Frequency (MHz)		Frequency (MHz)	
1	1.0	50 – 300	> 26
10	2.9	300 – 3000	> 22
100	9.8	3000 – 3500	> 18
200	14.1	3500 – 6000	> 15
300	17.5		
500	22.8		
800	29.3		
1000	33.2		
1500	40.9		
2250	52.6		
3000	57.4		
3500	61.9		
4000	66.1		
4500	70.1		
5000	73.8		
6000	80.8		
9000	98.9		
12000	114.1		

Technical data

Product code	Type	Weight kg/km	Standard delivery length m	Drum size *PWD	Copper content	Tensile force N	Bending radius mm	Storage
1003605 CT2850500	0.8L/3.7Dz Flex PVC bk	55	1000	400/150/465	37.3	100	60	inside

*PWD (plywood drum)

Product Code Table

Product Description	Product Code	PG Reference Code	PG Part Number
DR 0.8L/3.7Dz PVC/rubber black HDTV		60014488	60014488
DR 0.8L/3.7Dz PVC/rubber HDTV 500DW	1003605-00500DW	60014488	60014489
DR 0.8L/3.7Dz PVC/rubber HDTV 1000DW	1003605-01000DW	60014488	60014492

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