

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)

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 5GHz + 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	8.4	3000 – 3500	> 18
200	11.6	3500 – 5000	> 15
300	14.1		
500	18.6		
800	24.2		
1000	27		
1500	33.9		
2250	44.1		
3000	51.9		
3500	57.4		
4000	60.2		
4500	65.8		
5000	71.1		

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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