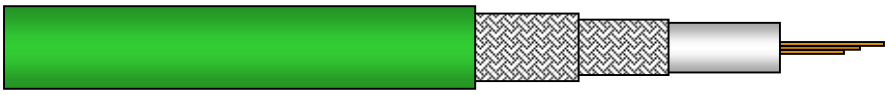
1.2L/4.8 Dz

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

Not for fixed installation for construction works

Construction

Inner conductor	stranded copper wire, diameter 1.2 mm
Insulation	Foam-PE, diameter 4.8 mm
Outer conductor	2xCu-braid, tinned
Sheath	DMC FLEX PUR, PUR, diameter 7.2 mm green, RAL 6018
Printing	**DRAKA** – 1.2L/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

1.2L/4.8 Dz

Electrical data (nominal) 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	7.0	3000 – 3500	> 18
135	8.2	3500 – 6000	> 15
270	11.7		
750	20.3		
1000	23.9		
1500	30.3		
3000	47.3		
4000	54.3		
4500	58.2		
5000	63.4		
6000	72.8		
9000	89.1		
12000	102.8		

Technical data

Product code	Type	Weight kg/km	Standard delivery length m	Drum size *PWD	Copper content	Tensile force N	Bending radius mm	Storage
1002456 CT2878800	1.2L/4.8Dz Flex PUR gn	80	1000	600/200/310	80	115	45	inside

*PWD (plywood drum)

Product Code Table

Product Description	Product Code	PG Reference Code	PG Part Number
DR 1.2L/4.8DZ DMC FLEX PUR HDTV		60016740	**60016740**
DR 1.2L/4.8DZ DMC FLEX PUR HDTV 1000DW	1002456-01000DW	60016740	**60016741**