

0.6/3.7 PVC

Video Cable 75 Ω



Application

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

Standards

Composite, Componente

Flame resistance

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

Construction

Inner conductor	solid copper wire, bare, diameter 0.6 mm
Insulation	PE, diameter 3.7 mm
Outer conductor	copper braid, bare, optical coverage 84 %, diameter 4.3 mm
Sheath	PVC, diameter 6.0 mm green, RAL 6018
Printing	DRAKA COMTEQ - 0.6/3.7 AF - 75 Ω ± 1%

Electrical properties

at 20°C

DC resistance	Inner conductor	26 Ω/km
	Outer conductor	20 Ω/km
Mutual capacitance		67 pF/m
Characteristic impedance		75 Ω ± 0.75 Ω
Velocity ratio		67 %
Screening factor		≥ 65 dB

0.6/3.7 PVC

Electrical data

at 20°C

Attenuation (dB/100m)		Return loss (dB)	
Frequency (MHz)		Frequency (MHz)	
0.1	0.36	50 – 300	≥ 26
0.3	0.62	300 – 800	≥ 20
0.6	0.9		
1	1.1		
3	1.9		
5	2.4		
10	3.4		
30	5.9		
100	10.9		
200	15.8		
300	19.5		
500	25.7		
800	33.3		

Technical data

Product code	Type	Weight kg/km	Standard delivery length m	Drum size KTG/ring	Copper content	Tensile force N	Bending radius mm	Storage
1002172 CT2740200	0.6/3.7 PVC green	50	1000	051	19.2	70	30	inside
1002173 CT2740201	0.6/3.7 PVC red	50	1000	051	19.2	70	30	inside
1002174 CT2740202	0.6/3.7 PVC yellow	50	1000	051	19.2	70	30	inside
1002175 CT2740203	0.6/3.7 PVC brown	50	1000	051	19.2	70	30	inside
1002176 CT2740204	0.6/3.7 PVC grey	50	1000	051	19.2	70	30	inside
1002177 CT2740205	0.6/3.7 PVC white	50	1000	051	19.2	70	30	inside
1002178 CT2740206	0.6/3.7 PVC violet	50	1000	051	19.2	70	30	inside
1002179 CT2740207	0.6/3.7 PVC orange	50	1000	051	19.2	70	30	inside
1002180 CT2740208	0.6/3.7 PVC blue	50	1000	051	19.2	70	30	inside
1002181 CT2740209	0.6/3.7 PVC black	50	1000	051	19.2	70	30	inside
1002213	0.6/3.7 FRNC-B green	50	1000	051	19.2	70	30	inside

0.6/3.7 PVC

CT7640200								
-----------	--	--	--	--	--	--	--	--

Product Code Table

Product Description	Product Code	PG Reference Code	PG Part Number
DR 0.6/3.7 PVC green		60011261	60011261
DR 0.6/3.7 PVC green 100RW	1002172-00100RW	60011261	60014013
DR 0.6/3.7 PVC green 500DW	1002172-00500DW	60011261	60014014
DR 0.6/3.7 PVC green 1000DW	1002172-01000DW	60011261	60014015
DR 0.6/3.7 PVC red		60014016	60014016
DR 0.6/3.7 PVC grey		60014017	60014017
DR 0.6/3.7 PVC white		60014018	60014018
DR 0.6/3.7 PVC violet		60014019	60014019
DR 0.6/3.7 PVC orange		60014020	60014020
DR 0.6/3.7 PVC black		60014021	60014021
DR 0.6/3.7 PVC black 1000DW	1002181-01000DW	60014021	60014022

© PRYSMIAN GROUP 2006, All Rights Reserved

All sizes and values without tolerances are reference values. Specifications are for product as supplied by Prysmian Group: any modification or alteration afterwards of product may give different result.

The information contained within this document must not be copied, reprinted or reproduced in any form, either wholly or in part, without the written consent of Prysmian Group. The information is believed to be correct at the time of issue. Prysmian Group reserves the right to amend this specification without prior notice. This specification is not contractually valid unless specifically authorised by Prysmian Group.