

Coax 12 High Screen

CATV Drop Cable



Application

Drop cables are used in TV signal distribution networks and as antenna cable for terrestrial and satellite broadcast systems.

Standards

Flame resistance

Construction

Inner conductor	bare copper wire, diameter 0.7 mm
Insulation	solid PE, diameter 4.65 mm
Outer conductor	copper foil under bare copper braid, diameter 5.2 mm optical coverage 85 %
Sheath	PVC, diameter 6.8 mm \pm 0.2 mm white RAL 1013

Electrical properties

at 20°C

DC resistance	Inner conductor	45 Ω /km
	Outer conductor	8.5 Ω /km
Mutual capacitance		67 pF/m
Characteristic impedance		75 $\Omega \pm 3 \Omega$
Velocity ratio		66 %
Screening factor		> 90 dB

Coax 12 High Screen

Electrical data

at 20°C

Attenuation (dB/100m)		Return loss (dB)	
Frequency (MHz)		Frequency (MHz)	
5	1.7	5 – 30	> 26
50	5.5	30 – 470	> 23
100	7.8	470 – 862	> 20
200	11.5	862 – 2150	> 18
400	16.6		
862	24.9		
950	26.2		
1000	27.8		
1350	32.3		
1600	36.7		
1750	38.9		
2150	43.2		
2550	47.1		
3000	51.2		

Technical data

Product code	Cable type	Weight kg/km	Standard delivery length m	Drum size *PWD	Copper content	Tensile force N	Bending radius mm	Storage
1002635 CK2732650	Coax 12 PVC ws HS	64	1000	600/200/3 10	25.3	135	30	inside
1002636 CK2732651	Coax 12 PVC ws HS	64	1000	600/200/3 10	25.3	135	30	inside
1002637 CK2732652	Coax 12 PE ws HS	57	1000	600/200/3 10	25.3	135	30	inside

*PWD (Plywood drum)

[PRODUCT CODE TABLE]

© PRYSMIAN GROUP 2009, 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.