

CATV Drop Cable 1.13/4.8 AF Tri-Shield



Application

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

Standards

EN 50117-6

Construction

Inner conductor	bare copper wire	Ø 1.13 mm
Insulation	phys. foam PE	Ø 4.8 mm
Outer conductor	Al-PETP-Al foil under tinned copper braid (optical coverage 40%)	Ø 5.5 mm
Overall screen	PETP-Al-foil	
Sheath	PVC	Ø 6.8 ± 0.2 mm
Colour	white	
Printing	DRAKA COMTEQ CATV Drop Cable 1.13/4.8 AF TRI-SHIELD + meter marking + batch number	

Electrical properties

at 20°C

Characteristic impedance	Ω	75 ± 2
Attenuation at		
5 MHz	dB/100m	1,3
50 MHz	dB/100m	4,1
100 MHz	dB/100m	5,6
200 MHz	dB/100m	8,2
400 MHz	dB/100m	11,8
862 MHz	dB/100m	17,1
1000 MHz	dB/100m	18,5
1350 MHz	dB/100m	21,8
1600 MHz	dB/100m	23,8
2150 MHz	dB/100m	28,3
2550 MHz	dB/100m	30,9
3000 MHz	dB/100m	33,6
Screening factor	dB	> 100
Velocity ratio	%	85
DC resistance		
Inner conductor	Ω/km	19
Outer conductor	Ω/km	24
Return loss		
5 - 30 MHz	dB	> 30
30 - 470 MHz	dB	> 28
470 - 862 MHz	dB	> 26
862 - 2150 MHz	dB	> 23
Mutual capacitance	pF/m	52

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Technical data

Product code	Cable type	Weight kg/km	Copper content	Standard delivery length m	Drum size SPH	Bending radius mm	Tensile force N	Storage
1002666 CK2961800	1.13/4.8 AF Tri- Shield	50	16.3	500	400 x 120 x 280	35	180	inside

[PRODUCT CODE TABLE]

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