

1.13/4.8 F PE black

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 1.13 mm
Insulation	phys. foam PE, diameter 4.8 mm
Outer conductor	copper foil under bare copper braid, diameter 5.4 mm optical coverage 40%
Sheath	PE, diameter 6.8 mm \pm 0.2 mm black

Electrical properties

at 20°C

DC resistance	Inner conductor	18 Ω /km
	Outer conductor	17 Ω /km
Mutual capacitance		52 pF/m
Characteristic impedance		75 $\Omega \pm 2.25 \Omega$
Velocity ratio		85 %
Screening factor		> 80 dB

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Electrical data

at 20°C

Attenuation (dB/100m)		Return loss (dB)	
Frequency (MHz)		Frequency (MHz)	
5	1.2	5 – 30	> 26
50	3.9	30 – 470	> 23
100	5.5	470 – 862	> 20
200	7.9	862 – 2150	> 18
400	11.7		
862	17.0		
1000	18.4		
1350	21.7		
1600	23.7		
1750	25.1		
2150	28.2		
2550	30.8		
3000	33.5		

Technical data

Product code	Cable type	Weight kg/km	Standard delivery length m	Drum size KTG/ring	Copper content	Tensile force N	Bending radius mm	Storage
1002613 CK2719500	1.13/4.8 F PE	37	1000	071	21.6	150	35	outside
1002614 CK2719503	1.13/4.8 F PE	37	1000	071	21.6	150	35	outside

Product Code Table

Product Description	Product Code	PG Reference Code	PG Part Number
DR 1.13/4.8 F PE		60013965	60013965
DR 1.13/4.8 F PE 100RW	1002613-00100RW	60013965	60013966
DR 1.13/4.8 F PE 500DW	1002613-00500DW	60013965	60013967

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