



1.1/5.0 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 1.1 mm
Insulation	phys. foam PE, diameter 5.0 mm
Outer conductor	copper foil under bare copper braid, diameter 5.6 mm optical coverage 35%
Sheath	PE, diameter 6.8 mm \pm 0.2 mm

Electrical properties

at 20°C

DC resistance	Inner conductor	18 Ω /km
	Outer conductor	17 Ω /km
Mutual capacitance		55 nF/m
Characteristic impedance		75 $\Omega \pm 3 \Omega$
Velocity ratio		80 %
Screening factor		> 80 dB



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Electrical data

at 20°C

Frequency (MHZ)	Attenuation (dB/100m)	Return loss (dB)	
		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	17.9		
1000	19.2		
1350	23.2		
1600	25.5		
1750	27.0		
2150	30.2		
2550	32.9		
3000	35.7		

Technical data

Product code	Cable type	Weight kg/km	Copper content	Standard delivery length m	Drum size KTG/ring	Bending radius mm	Tensile force N	Storage
1002589 CK2710500	1.1/5.0 F PE	37	19.4	1000	071	35	150	outside