



2.2/9.3 F PE black

CATV Trunk Cable



Application

CATV cables are used in trunk lines of CATV and broadband networks between head station and subscriber termination point. They are suitable for direct buried and duct laying.

Standards

Flame resistance

Construction

Inner conductor	bare copper wire, diameter 2.2 mm
Insulation	phys. foam PE, diameter 9.3 mm
Outer conductor	copper foil under bare copper braid, diameter 10.0 mm optical coverage 54%
Sheath	PE, diameter 12.5 ± 0.2 mm black

Electrical properties

at 20°C

DC resistance	Inner conductor	4.8 Ω /km
	Outer conductor	9.0 Ω /km
Mutual capacitance		52 pF/m
Characteristic impedance		75 $\Omega \pm 2.25 \Omega$
Velocity ratio		85 %
Screening factor		> 85 dB



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Electrical data

at 20°C

Attenuation (dB/100m)		Return loss (dB)	
Frequency (MHz)		Frequency (MHz)	
10	0.9	5 – 30	> 26
50	2.0	30 – 470	> 23
100	2.9	470 – 862	> 20
200	4.2	862 – 2150	> 18
400	6.1		
862	9.2		
1000	9.9		
1350	11.5		
1600	12.6		
1750	13.6		
2150	15.3		
2550	16.7		
3000	18.2		

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
1002599 CK2711200	2.2/9.3 F PE	135	1000	760/470/500	61.0	475	125	outside
1002600 CK2711201	2.2/9.3 F PE	135	1000	760/470/500	61.0	475	125	outside

*PWD (Sperrholzspule)