

3.45/14.9 F PE black

CATV Trunk Cable



Application

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

Standards

Flame resistance

Construction

Inner conductor	bare copper wire, diameter 3.45 mm
Insulation	phys. foam PE, diameter 14.9 mm
Outer conductor	copper foil under bare copper braid, diameter 15.8 mm optical coverage 58%
Sheath	PE, diameter 19.3 mm ± 0.5 mm black

Electrical properties

at 20°C

DC resistance	Inner conductor	2.0 Ω/km
	Outer conductor	3.7 Ω/km
Mutual capacitance		52 pF/m
Characteristic impedance		75 Ω ± 2.25 Ω
Velocity ratio		85 %
Screening factor		> 90 dB

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Electrical data

at 20°C

Attenuation (dB/100m)		Return loss (dB)	
Frequency (MHz)		Frequency (MHz)	
5	0.4	5 – 30	> 23
50	1.0	30 – 470	> 23
100	1.8	470 – 862	> 20
200	2.7		
400	4.0		
862	6.0		
1000	6.6		
1350	8.0		
1600	8.7		
1750	9.1		
2150	10.1		
2550	11.0		
3000	12.0		

Technical data

Product code	Cable type	Weight kg/km	Standard delivery length m	Drum size *OWD	Copper content	Tensile force N	Bending radius mm	Storage
1002611 CK2719000	3.45/14.9 F PE	279	1000	1200/650 /750	149	750	195	outside

*OWD (Oneway drum)

Product Code Table

Product Description	Product Code	PG Reference Code	PG Part Number
3.45/14.9 PE (GC) NK-33 CN		60011460	60011460
Coax3 CT 33 E PE		60013962	60013962
Coax3 CT 33 E PE 500DO	1002612-00500DO	60013962	60013963

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