



0.7/4.8 F PE green, BZT-Nr. G 628 152 X

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 0.7 mm
Insulation	solid PE, diameter 4.65 mm
Outer conductor	copper foil under bare copper braid, diameter 5.2 mm optical coverage 55 %
Sheath	PE, diameter 7.1 ± 0.2 mm green, RAL 6016

Electrical properties

at 20°C

DC resistance	Inner conductor	45 Ω /km
	Outer conductor	16 Ω /km
Mutual capacitance		67 pF/m
Characteristic impedance		75 $\Omega \pm 3 \Omega$
Velocity ratio		66 %
Screening factor		> 80 dB



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Electrical data

at 20°C

Frequency (MHZ)	Attenuation (dB/100m)	Return loss (dB)	
		Frequency (MHz)	
5	1.7	5-30	≥ 26
50	5.5	30-470	≥ 23
100	7.8	470-862	≥ 20
200	11.5	862-2150	≥ 18
400	16.6		
862	24.9		
950	26.2		
1000	27.8		
1350	32.3		
1600	36.7		
1750	38.9		
2150	43.2		
2550	47.1		
3000	51.2		

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
1002631 CK2732632	0.7/4.8 F PE	50	16.9	1000	071	30	100	inside
1002632 CK2732633	0.7/4.8 F PVC	50	16.9	1000	071	30	100	inside