



## 1.1/5.0 AF PVC white, BZT-Nr. G 628 156 C

### CATV Drop Cable

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### Application

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Drop cables are used in TV signal distribution networks and as antenna cable for terrestrial and satellite broadcast systems.

### Standards

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### Flame resistance

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### Construction

Inner conductor	bare copper wire, diameter 1.1 mm
Insulation	phys. foam PE, diameter 5.0 mm
Outer conductor	Al-PETP-Al foil under tinned copper braid, diameter 5.6 mm optical coverage 43%
Sheath	PVC, diameter $6.8 \pm 0.2$ mm white

### Electrical properties

at 20°C

DC resistance	Inner conductor	19 $\Omega$ /km
	Outer conductor	21 $\Omega$ /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	1.3	5-30	> 26
50	4.0	30-470	> 23
100	5.6	470-862	> 20
200	8.0	862-2150	> 18
400	11.8		
862	18.0		
1000	19.4		
1350	23.5		
1600	25.7		
1750	27.0		
2150	30.5		
2550	33.2		
3000	36.0		

### 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
1002641 CK2748701	1.1/5.0 AF	45	17.4	1000	071	35	180	inside