



2.2/9.3 AF PE black – High Screen

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 2.2 mm
Insulation	phys. foam PE, diameter 9.3 mm
Outer conductor	Al-PETP-Al-foil, under tinned copper braid, optical coverage 65 %, diameter 10.0 mm
Sheath	PE, diameter 12.5 mm \pm 0.2 mm black
Printing	DRAKA COMTEQ – 2.2/9.3 AF – High Screen – 90 dB

Electrical properties

at 20°C

DC resistance	Inner conductor	4.8 Ω /km
	Outer conductor	7.5 Ω /km
Mutual capacitance		52 pF/m
Characteristic impedance		75 $\Omega \pm 2.25 \Omega$
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)	
10	0.95	5 – 30	> 26
50	2.1	30 – 470	> 23
100	3.1	470 – 862	> 20
200	4.4	862 – 2150	> 18
400	6.3		
862	9.7		
1000	10.5		
1350	12.5		
1600	13.7		
1750	14.5		
2150	16.3		
2550	18.0		
3000	20.5		

Technical data

Product code	Cable type	Weight kg/km	Standard delivery length m	Drum size KTG/ring	Copper content	Tensile force N	Bending radius mm	Storage
1002618 CK2721300	2.2/9.3 AF PE HS	117	500	760/470/500	61.9	475	125	outside