



1.8/7.3 AF „High Screen“ black

CATV Distribution and 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 1.8 mm
Insulation	phys. foam PE, diameter 7.25 mm
Outer conductor	Al-PETP-Al foil under tinned copper braid, diameter 8.0 mm optical coverage 80%
Sheath	PVC, PE or FRNC, 10.2 mm ± 0.3 mm black
Printing	for PVC-and PE version: DRAKA COMTEQ 1.8/7.3 AF – High Screen – 90 dB for FRNC-B version: DRAKA COMTEQ 1.8/7.3 AF FRNC – High Screen – 90 dB

Electrical properties

at 20°C

DC resistance	Inner conductor	7 Ω/km
	Outer conductor	8 Ω/km
Mutual capacitance		52 pF/m
Characteristic impedance		75 Ω ± 2 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)	
10	1.2	5 – 30	> 28
50	2.7	30 – 470	> 26
100	3.8	470 – 862	> 26
230	5.9	862 – 2150	> 13
300	6.6		
470	8.3		
860	12.2		
1000	13.0		
1750	17.2		
2150	19.0		
2550	20.7		
3000	22.5		

Technical data

Product code	Cable type	Weight kg/km	Standard delivery length m	Drum size SPH	Copper content	Tensile force N	Bending radius mm	Storage
1002625 CK2723800	1.8/7.3 AF HS PVC	120	1000	600/312/380	48.2	300	50	inside