

Coaxial Cable 0.6/2.8AF S

Video Cable 75 Ω



Application

Video cables are primarily used in closed circuit TV systems and in several studio applications for transmission of video content.

Standards

For analogue and digital video signals (Composite, component, SDI, SDV, SDTI, HDTV)

Flame resistance

PVC: Not for fixed installation for construction works
FRNC-C: additionally IEC 60332-3 -24, Class D_{ca}

Construction

Inner conductor	solid copper wire, bare, diameter 0.6 mm
Insulation	Foam-PE, diameter 2.8 mm
Outer conductor	Al-PET-Al-foil under tinned copper braid, diameter 3.4 mm
Sheath	FRNC, diameter 4.5 mm green, RAL 6018
Printing	DRAKA - 0.6/2.8 AF S - 75 Ω \pm 1% - HDTV FRNC

Electrical properties

at 20°C

DC resistance	Inner conductor	61 Ω /km
	Outer conductor	17 Ω /km
Mutual capacitance		56 pF/m
Characteristic impedance		75 Ω \pm 0.75 Ω
Velocity ratio		78 %
Screening factor		> 100 dB

The specified data serve only to describe the product and should not be considered legally binding. guaranteed properties. We reserve the right to make constructional changes. determine delivery and are not responsible for any errors and omissions.

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Electrical data

at 20°C

Attenuation (dB/100m)		Return loss (dB)	
Frequency (MHz)		Frequency (MHz)	
1	1.2	50 – 300	≥ 26
3	1.9	300 – 3000	≥ 22
5	2.5	3000 – 3500	≥ 18
10	3.5	3500 – 5000	≥ 15
30	5.5		
100	10.0		
200	14.1		
300	17.8		
500	23.0		
800	29.7		
1000	33.2		
1500	41.0		
2250	50.2		
3000	60.9		
3500	65.8		
4000	69.8		
4500	74.0		
5000	77.9		

Technical data

Product code	Type	Weight kg/km	Standard delivery length m	Drum size KTG/ring	Copper content	Tensile force N	Bending radius mm	Storage
1005703 CT2850700 60010076	0.6/2.8 AF S FRNC-C green	28	1000	051	14	60	25	inside

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Product Code Table

Product Description	Product Code	PG Reference Code	PG Part Number
DR 0.6/2.8AF S FRNC-C GN HDTV		60010076	60010076
DR 0.6/2.8AF S FRNC-C GN HDTV 1000DW	1005703-01000DW	60010076	60014501
DR 0.6/2.8AF S FRNC-C BK HDTV		60014503	60014503
DR 0.6/2.8AF S FRNC-C BK HDTV 1000DW	1008944-01000DW	60014503	60014506
DR 0.6/2.8AF S FRNC-C VT HDTV		60014508	60014508
DR 0.6/2.8AF S FRNC-C VT HDTV 1000DW	1008945-01000DW	60014508	60014510
DR 0.6/2.8AF S FRNC-C BU HDTV		60014512	60014512
DR 0.6/2.8AF S FRNC-C BU HDTV 1000DW	1012652-01000DW	60014512	60014515

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Cable-Ø	Cable Group*	Cable Type	Cable Sheath / Color	Part-Number
5	42	0.6/2.8AF S	FRNC/ green	13-1137-1000

* see Cable Table Coaxial Cable

** The dimensions given are approximate and may vary slightly, depending on the manufacturer.

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