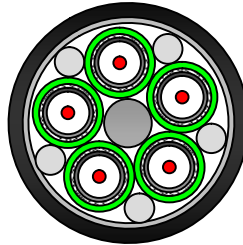


755-901 FRNC-C (5 x 1.0/4.9 AF FRNC-C – 75 Ω)

RGBHV-Monitor Cable



Application

Video cables are primary used in closed circuit TV systems and several studio applications

Standards

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

Flame resistance

IEC 60332-3 CAT C

Construction

Inner conductor	solid copper wire, diameter 1.0 mm	
Insulation	Foam-PE, diameter 4.8 mm	
Outer conductor	Al-PET-Al-Foil, under copper braid, tinned, diameter 5.6 mm	
Sheath	FRNC-C, diameter 7.0 mm green, RAL 6018	
Identification	cypher 1 – R, cypher 2 – G, cypher 3 – B, cypher 4 – H, cypher 5 – V, space between printing max 50 mm	
Cable lay up	(0+5) 5 x coax 1.0/4.8 AF FRNC-C + 5 x filler Core: 1 x filler Layer: 5 x coax diameter 18.9 mm	
Wrapping	1 x PET-foil, diameter 19.0 mm	
Sheath	FRNC-C, diameter 22.2 mm ± 0.5 mm black, RAL 9005	
Printing	DRAKA COMTEQ – 755-901 FRNC-C	

Mechanical properties

Minimum bending radius	without load	225 mm
	with load	450 mm
Temperature range	during operation	- 25° C to + 70° C
Corrosivity		acc. to IEC 60754-2
Fire load		9200 MJ/km

755-901 FRNC-C (5 x 1.0/4.9 AF FRNC-C – 75 Ω)

Electrical properties

at 20°C

Characteristic impedance		75 Ω ± 0.75 Ω
Screening factor		> 90 dB
Velocity ratio		78 %
DC resistance	Inner conductor	22 Ω/km
	Outer conductor	7 Ω/km
Mutual capacitance		56 pF/m

Electrical data

at 20°C

Attenuation (dB/100m)		Return loss (dB)	
Frequency (MHz)		Frequency (MHz)	
0.1	0.26	50 – 300	> 23
0.3	0.45	300 – 800	> 19
0.6	0.65		
1	0.8		
3	1.3		
5	1.6		
10	2.1		
30	3.5		
100	6.2		
200	8.9		
300	11.3		
500	14.8		
800	18.5		

Technical data

Product code	Weight kg/km	Standard delivery length m	Copper content	Tensile force N
1002325 CT2985800	620	500	175	880

Product Code Table

Product Description	Product Code	PG Reference Code	PG Part Number
755-901 FRNC-C		60014945	60014945

**755-901 FRNC-C (5 x 1.0/4.9 AF FRNC-C – 75
Ω)**

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