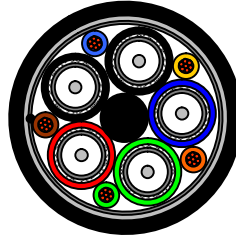




755-1103(5x0.41/1.9AF-75Ω+5x0.14mm²)

RGBHV-Wide-Screen Cable



Application

Standards

Flame resistance

Construction

Element 1: Coaxial 0.41/1.9 AF (5x)

Inner conductor	copper wire, bare, diameter 0.41 mm
Insulation	Foam-PE, diameter 1.9 mm
Outer conductor	Al-PETP-Al-foil + copper braid, tinned, diameter 2.5 mm
Sheath	PVC, diameter 3.1 mm white, black, blue, green, red

Element 2: Pilot core 0.48/1.2 (5x0.14 mm²)

Inner conductor	stranded copper wires, bare 7x0.16 mm, (cross section 0.14 mm ²), diameter 0.48 mm
Insulation	PE, diameter 0.95 mm
Identification	core: 1 x blue, 1 x yellow, 1 x orange, 1 x green, 1 x brown

Cable lay up

Stranding	(0+5) Core: 1 x filler Layer: 5 x Element 1, white, black, blue, green, red + 5 x Element 2 in the 5 interstices diameter 8.4 mm
Wrapping	1 x Polyester web, thickness 0.03 mm, diameter 8.5 mm
Screen	1 x Al-PETP-foil + stranded drain wires, 7 x 0.16 mm, thickness 0.034 mm, diameter 8.7 mm
Sheath	DMC FLEX PVC, diameter 10.3 mm ± 0.4 mm matt black, RAL 9005
Printing	DRAKA COMTEQ 755-1103



755-1103(5x0.41/1.9AF-75Ω+5x0.14mm²)

Electrical properties

at 20°C

Coaxial

Characteristic impedance	at 1 MHz	75 Ω ± 3 Ω
Screening factor		> 100 dB
DC resistance	Inner conductor	145 Ω/km
Insulation resistance		10 GΩ*km
Transfer impedance	at 30 MHz	10 mΩ/m
Mutual capacitance		60 nF/km

Pilot core

DC resistance		137 Ω/km
Test voltage		500 V _{DC}

Electrical data

at 20°C

Coaxial

Attenuation (dB/100m)		Crosstalk (dB/500m)		Return loss (dB)	
Frequency (MHz)		Frequency (MHz)		Frequency (MHz)	
1	1.8	1 – 30	80	1 – 300	22
5	4.4				
10	6.1				
20	8.5				
30	10.4				
100	17.9				
200	25.3				
300	31.0				

Technical data

Product code	Type	Weight	Standard delivery length	Drum size	Copper content	Tensile force	Minimum bending radius	Storage
		kg/km	m	*PWD		N	N mm	
1002283 CT2739401	755-1103	115	1000	760/360/420	77.6	220	100	inside

*PWD (plywood drum)