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TYPE DIGISAT 5 ELITE

CONSTRUCTION DATA

Inner Conductor	1 x	Ø mm	Cu 1,16	± 0,01 mm	→
Dielectric			PEG		→
Physical Expansion					
Triple Layer		Ø mm	5,00	± 0,1 mm	→
Ext. Screen (tape)			CU-POL		→
Screening Percentage			100 %		
Number of Wires		Tot.	168		
Second Screen (Braid)			Cu		→
Screening Percentage			80 %		
External Sheath			PVC	WHITE	
External Diameter		Ø mm	6,8	± 0,2 mm	→



Minimum Bending Radius (one bend) Outer/Inner **70 / 35**

ELECTRICAL DATA

Characteristic Impedance Ohm ± 3		75
Capacitance pF/m. ± 2		52
Velocity Ratio		85 %
Attenuation (at 20° C.)	MHz.	5 dB/100 m. 1,0
	MHz.	50 dB/100 m. 3,6
	MHz.	200 dB/100 m. 6,6
	MHz.	470 dB/100 m. 11,0
	MHz.	860 dB/100 m. 15,6
	MHz.	1000 dB/100 m. 17,0
	MHz.	1750 dB/100 m. 23,3
	MHz.	2050 dB/100 m. 25,6
	MHz.	2150 dB/100 m. 26,2
	MHz.	2400 dB/100 m. 27,8
	MHz.	3000 dB/100 m. 31,6
Structural Return Loss between	30-300 MHz. dB	> 35
	300-600 MHz. dB	> 30
	600-900 MHz. dB	> 27
Screening efficiency	100-300 MHz. dB	> 90
	300-600 MHz. dB	> 102
	600-990 MHz. dB	> 105
Inner conductor resistance Ohm/Km		16
Outer conductor resistance Ohm/Km		10,5
Sheath Spark Testing kV		4
STANDARD Packing Type & Metres		AR100
Other Packings Type & Metres		BP250-BP500
Connectors 'F' Screw Type		C.TV.F.M.7
Connectors 'F' Compression Type		EX 6-5,1/8,3
With reference to Norms	CEI 46/13 (Cable TV installations)	✓
	CEI 12/15 (Cables for centralised systems)	✓
	EN 50117 (Cable networks)	✓
	CEI 46/1 (Construction parameters of the cables)	✓

Legend: (*) AR100 = 100m ARIANNA refills
 BP250 = 250m Plastic bobbin
 BP500 = 500m Plastic bobbin