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TYPE DIGISAT 822 EXPERT

CONSTRUCTION DATA

Inner Conductor	1 x	Ø mm	Cu 1,10	± 0,01 mm	→
Dielectric			PEG		→
Physical Expansion					
Triple Layer		Ø mm	4,85	± 0,1 mm	
Ext. Screen (tape)			AL-POL-AL***		→
Screening Percentage			100 %		
Number of Wires		Tot.	128		
Second Screen (Braid)			AL		→
Screening Percentage			78 %		
External Sheath			PVC	WHITE	
External Diameter		Ø mm	6,80	± 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			86 %
Attenuation (at 20° C.)	MHz.		
		5 dB/100 m.	1,2
		50 dB/100 m.	4,0
		200 dB/100 m.	7,8
		470 dB/100 m.	11,9
		860 dB/100 m.	17,4
		1000 dB/100 m.	19,0
		1750 dB/100 m.	26,1
		2050 dB/100 m.	28,7
		2150 dB/100 m.	29,4
		2400 dB/100 m.	31,3
		3000 dB/100 m.	35,3
Structural Return Loss between	30-300 MHz.	dB	> 35
	300-600 MHz.	dB	> 30
	600-900 MHz.	dB	> 30
Screening efficiency	100-300 MHz.	dB	> 90
	300-600 MHz.	dB	> 90
	600-990 MHz.	dB	> 90
Inner conductor resistance Ohm/Km			18,4
Outer conductor resistance Ohm/Km			25,1
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 6-5/8,3**

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