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TYPE **DIGISAT 823 ELITE**

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.	144		
Second Screen (Braid)			AL		→
Screening Percentage			82 %		
External Sheath			PVC	WHITE	
External Diameter		Ø mm	6,60	± 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
	MHz.	50 dB/100 m.	4,0
	MHz.	200 dB/100 m.	7,3
	MHz.	470 dB/100 m.	12,0
	MHz.	860 dB/100 m.	16,8
	MHz.	1000 dB/100 m.	18,2
	MHz.	1750 dB/100 m.	24,8
	MHz.	2050 dB/100 m.	27,2
	MHz.	2150 dB/100 m.	27,9
	MHz.	2400 dB/100 m.	29,6
	MHz.	3000 dB/100 m.	33,5
Structural Return Loss between	30-300 MHz.	dB	> 35
	300-600 MHz.	dB	> 35
	600-900 MHz.	dB	> 30
Screening efficiency	100-300 MHz.	dB	> 100
	300-600 MHz.	dB	> 100
	600-990 MHz.	dB	> 105
Inner conductor resistance Ohm/Km			18,4
Outer conductor resistance Ohm/Km			23,2
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 6-4,9/8,3**

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