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TYPE DIGISAT 523 ELITE

CONSTRUCTION DATA

Inner Conductor	1 x	Ø mm	Cu 1,00	± 0,01 mm	→
Dielectric			PEG		→
Physical Expansion					
Triple Layer		Ø mm	4,3	± 0,1 mm	
Ext. Screen (tape)			AL-POL-AL***		→
Screening Percentage			100 %		
Number of Wires		Tot.	144		
Second Screen (Braid)			AL		→
Screening Percentage			86 %		
External Sheath			PVC	WHITE	
External Diameter		Ø mm	6	± 0,2 mm	→



Minimum Bending Radius (one bend) Outer/Inner **60 / 30**

ELECTRICAL DATA

Characteristic Impedance Ohm ± 3			75
Capacitance pF/m. ± 2			52
Velocity Ratio			85 %
Attenuation (at 20° C.)	MHz.	5 dB/100 m.	1,3
	MHz.	50 dB/100 m.	4,4
	MHz.	200 dB/100 m.	8,2
	MHz.	470 dB/100 m.	13,4
	MHz.	860 dB/100 m.	18,6
	MHz.	1000 dB/100 m.	20,2
	MHz.	1750 dB/100 m.	27,3
	MHz.	2050 dB/100 m.	29,8
	MHz.	2150 dB/100 m.	30,6
	MHz.	2400 dB/100 m.	32,5
	MHz.	3000 dB/100 m.	36,7
Structural Return Loss between	30-300 MHz.	dB	> 33
	300-600 MHz.	dB	> 32
	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			22,4
Outer conductor resistance Ohm/Km			11,6
Sheath Spark Testing kV			4
STANDARD Packing Type & Metres			AR100
Other Packings Type & Metres	AR150	BP250	BP500
Connectors 'F' Screw Type			C.TV.F.M.6
Connectors 'F' Compression Type			CMP 59
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
 AR150 = 150m ARIANNA refills
 BP500 = 500m Plastic bobbin