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TYPE **MINISAT 1PLUS**

CONSTRUCTION DATA

Inner Conductor	1 x	Ø mm	CU 0,80	± 0,01 mm	→
Dielectric			PEG		→
Physical Expansion					→
Triple Layer		Ø mm	3,50	± 0,1 mm	→
Ext. Screen (tape)			AL-POL-AL		→
Screening Percentage			100 %		→
Number of Wires		Tot.	48		→
Second Screen (Braid)			AL		→
Screening Percentage			45 %		→
External Sheath			PVC	WHITE	→
External Diameter		Ø mm	5,00	± 0,2 mm	→



Minimum Bending Radius (one bend) Outer/Inner **40 / 20**

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. 5,5
	MHz.	200 dB/100 m. 10,6
	MHz.	470 dB/100 m. 16,9
	MHz.	800 dB/100 m. 22,1
	MHz.	860 dB/100 m. 23,6
	MHz.	1000 dB/100 m. 25,6
	MHz.	1750 dB/100 m. 34,4
	MHz.	2050 dB/100 m. 37,5
	MHz.	2150 dB/100 m. 38,2
	MHz.	2400 dB/100 m. 40,5
	MHz.	3000 dB/100 m. 45,4
Structural Return Loss between	30-300 MHz. dB	> 33
	300-600 MHz. dB	> 30
	600-900 MHz. dB	> 27
Screening efficiency	100-300 MHz. dB	> 75
	300-600 MHz. dB	> 85
	600-990 MHz. dB	> 85
Inner conductor resistance Ohm/Km		35
Outer conductor resistance Ohm/Km		49
Sheath Spark Testing kV		4

STANDARD Packing Type & Metres **AR150**

Other Packings Type & Metres **AR200** **BP500**

Connectors 'F' Screw Type **CMP MC 37**

Connectors 'F' Compression Type **C.TV.F.M.5**

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: (*) AR150 = 150m ARIANNA refills
AR200 = 200m ARIANNA refills
BP500 = 500m Plastic bobbin