



Messi & Paoloni srl

Via G. Conti N°1 - 60131 Ancona - Italy
Tel. +39 071 2861527 Fax +39 071 2861736
Internet: www.messi.it e-mail info@messi.it



TYPE **SAT 423/N (RG6)**

CONSTRUCTION DATA

Inner Conductor	1 x	Ø mm	Cu 1,00	± 0,01 mm	→
Dielectric			PEG		→
Physical Expansion					→
Triple Layer		Ø mm	4,60	± 0,1 mm	→
Ext. Screen (tape)			AL-POL-AL		→
Screening Percentage			100 %		→
Number of Wires		Tot.	48		→
Second Screen (Braid)			AL		→
Screening Percentage			40 %		→
External Sheath			PVC	WHITE	→
External Diameter		Ø mm	6,50	± 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			86 %
Attenuation (at 20° C.)	MHz.		
		5 dB/100 m.	1,3
		50 dB/100 m.	3,0
		200 dB/100 m.	7,7
		470 dB/100 m.	13,1
		800 dB/100 m.	17,9
		860 dB/100 m.	18,5
		1000 dB/100 m.	20,3
		1750 dB/100 m.	27,8
		2050 dB/100 m.	30,5
		2150 dB/100 m.	31,3
		2400 dB/100 m.	33,3
		3000 dB/100 m.	37,8
Structural Return Loss between	30-300 MHz.	dB	> 33
	300-600 MHz.	dB	> 30
	600-900 MHz.	dB	> 30
Screening efficiency	100-300 MHz.	dB	> 75
	300-600 MHz.	dB	> 75
	600-990 MHz.	dB	> 85
Inner conductor resistance Ohm/Km			22,4
Outer conductor resistance Ohm/Km			42
Sheath Spark Testing kV			4
STANDARD Packing Type & Metres			AR100
Other Packings Type & Metres		BP250	BP500
Connectors 'F' Screw Type			CMP 6
Connectors 'F' Compression Type			C.TV.FM.6
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 = 200m Plastic bobbin
BP500 = 500m Plastic bobbin