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TYPE SILVER CABLE (AR100)

CONSTRUCTION DATA

Inner Conductor	1 x	Ø mm.	AG4	1,10	± 0,01 mm.	→
Dielectric			PEG			→
Physical Expansion Triple Layer		Ø mm.		4,80	± 0,1 mm.	→
Ext. Screen (tape)			AL-POL-AL***	My12+15+12	h.19 mm.	
Screening Percentage				100 %		
Number of Wires	Pitch mm. 32		8 x 16 x 0,12 AG4 =	Tot. 128		
Second Screen (Braid)			AG4			→
Screening Percentage				79 %		
External Sheath			PVC WHITE			→
External Diametre		Ø mm.		6,70	± 0,1 mm.	→
Minimum Bending Radius (one bend)		Outer/Inner		70 / 35		



ELECTRICAL DATA

Characteristic Impedance Ohm ±				75 ± 3
Capacitance pF/m. ± 2				52
Velocity Ratio				85 %
Attenuation (at 20° C.)	± 2	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
		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				11
Sheath Spark Testing kV				4

STANDARD Packing Type & Metres **AR100**

Other Packings Type & Metres **BP100 BP250 BP500**

Connectors 'F' Screw Type **C.TV.F.M.7 SP**

Connectors 'F' Crimp Type **MPCR7**

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: (*)	AR 100 =	m.100 ARIANNA refills
	B 500 =	500 m. Drums
	C100 =	100 m. cardboard box
	BP100 =	100 m. Plastic bobbins