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TYPE **AC7 PLUS AR100**

CONSTRUCTION DATA

Inner Conductor	19 x	Ø mm.	Cu 0,38	± 0,01 mm.	→
Dielectric			PEG		→
Physical Expansion					→
Triple Layer		Ø mm.	4,80	± 0,1 mm.	
Ext. Screen (tape)			CU-POL	My20+23+0	
Screening Percentage				h.19 mm. 100 %	
Number of Wires	Pitch mm. 45	7 x 24 x 0,1	Cu = Tot. 168		
Second Screen (Braid)			Cu		→
Screening Percentage			81	%	
External Sheath			PVC BLACK		
External Diametre		Ø mm.	6,85	± 0,1 mm.	→
Minimum Bending Radius (one bend)		Outer/Inner	80 / 40		



ELECTRICAL DATA

Characteristic Impedance Ohm ±			50± 3
Capacitance pF/m.± 2			
Velocity Ratio			%
Attenuation (at 20° C.)	± 2	MHz.	5 dB/100 m.
		MHz.	50 dB/100 m. 4,9
		MHz.	200 dB/100 m. 10,9
		MHz.	400 dB/100 m. 16,2
		MHz.	800 dB/100 m. 23,8
		MHz.	1000 dB/100 m. 27,2
		MHz.	1750 dB/100 m.
		MHz.	2050 dB/100 m.
		MHz.	2150 dB/100 m.
		MHz.	2400 dB/100 m.
		MHz.	3000 dB/100 m.
Structural Return Loss between		30-300 MHz.	dB > 0
		300-600 MHz.	dB > 0
		600-900 MHz.	dB > 0
Screening efficiency		100-300 MHz.	dB > 0
		300-600 MHz.	dB > 0
		600-990 MHz.	dB > 0

Inner conductor resistance Ohm/Km
 Outer conductor resistance Ohm/Km
 Sheath Spark Testing kV

STANDARD Packing Type & Metres
 Other Packings Type & Metres
 Connectors 'F' Screw Type
 Connectors 'F' Crimp Type
 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