

Int Sat 110 Elite

Class A++

High resistance screen made of a sturdy copper **BRAID (Cu)**. The braiding process is operated by means of **24 spools** braiding machines. (50% more crossings if compared to traditional 16 spools machines) Highly effective against low frequency impulsive noises.

SCREENING

PERCENTAGE: 82%

144 wires

Double layer screening tape, (foil), highly effective against high frequency interferences.

CU-POL

100% screening percentage

Trampling-resistant, UV shielded PE Jacket to be used in particular for underground and outdoor installations.

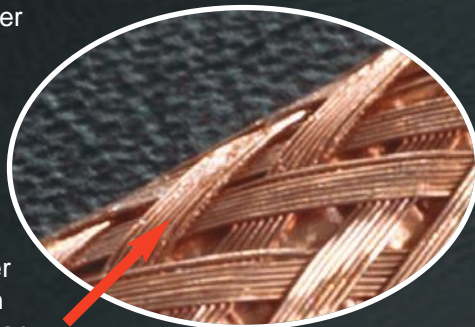
NOTE : for outdoor use we warmly recommend **PPC®** "AquaTight®" connectors.

PE Ø 6,9 ± 0,15 mm



High pressure physical injection foamed polyethylene
TRIPLE LAYER DIELECTRIC
FPE Ø 5 ± 0,05 mm

Inner conductor : 99,99% pure electrolytic annealed bare copper (annealed=thermal softening process)
Cu Ø 1,16 mm



In order to prevent copper oxidation, we apply a thin Petrol Jelly layer, adding an extra water proofing protection.

ELECTRICAL DATA

Nominal Impedance	Ohm±3	75
Capacitance	pF/m±2	52
Velocity Ratio	%	85
Attenuation	(at 20° C)	
	MHz 5	dB/100 m 0,8
	MHz 50	dB/100 m 3,4
	MHz 200	dB/100 m 7,0
	MHz 470	dB/100 m 10,9
	MHz 860	dB/100 m 14,9
	MHz 1000	dB/100 m 16,1
	MHz 1750	dB/100 m 21,9
	MHz 2050	dB/100 m 23,8
	MHz 2150	dB/100 m 25,0
	MHz 2400	dB/100 m 25,9
	MHz 3000	dB/100 m 29,5

Structural Return Loss (SRL)

30-470	MHz	dB	>33
470-860	MHz	dB	>30
860-2150	MHz	dB	>26

Screening efficiency :

30-1000	MHz	dB	>105
1000-2000	MHz	dB	>105
2000-3000	MHz	dB	>103

Transfer Impedance (return path) mOhm/m <0,3

Inner conductor resistance Ohm/Km 16,5

Outer conductor resistance Ohm/Km 9

Tension test of the jacket (Spark test) 8 kV

STANDARD PACKING type & meters AR100
(100m refills for Arianna unwinders)

Other packings : 250 and 500m drums

Compression type "F" PPC Connector : EX6-5,1/8,3 / EX6-5,1/8,3-A

Crimp type "F" connector : MP-CRP 7

Screw type "F" connector : C.TV.FM. 7