

Messi & Paoloni

Professional line

*Digital terrestrial & satellite**DVB-T**Digisat 122 Expert**Class A*

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

AL-POL-AL

100% screening percentage

High resistance "tear proof" PVC Jacket to be used mostly inside conduits.

PVC Ø 5 ± 0,15 mm

NOTE : for outdoor use we warmly recommend black PE Jacket cables, with the addition of **PPC®** "AquaTight®" connectors.

Available in
PE
(INT SAT 81)

5 color



Physical injection foamed polyethylene

DIELECTRIC**FPE Ø 3,5 ± 0,05 mm**

Inner conductor : 99,99% pure electrolytic annealed bare copper (annealed=thermal softening process)

Cu Ø 0,80 mm

High resistance screen made of a sturdy Aluminium-Magnesium alloy **BRAID (AlMg)**. The braiding process is operated by means of **16 spools** braiding machines. Highly effective against low frequency impulsive noises.

SCREENING**PERCENTAGE: 65%****80 wires****ELECTRICAL DATA**

Nominal 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	17,0
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	37,7
MHz 2150	dB/100 m	38,2
MHz 2400	dB/100 m	40,5
MHz 3000	dB/100 m	45,4

Structural Return Loss (SRL)

30-470 MHz	dB	>33
470-860 MHz	dB	>28
860-2150 MHz	dB	>22

Screening efficiency :

30-1000 MHz	dB	>85
1000-2000 MHz	dB	>82
2000-3000 MHz	dB	>80

Transfer Impedance (return path) mOhm/m <2,8

Inner conductor resistance Ohm/Km 34

Outer conductor resistance Ohm/Km 40

Tension test of the jacket (Spark test) 4 kV

STANDARD PACKING type & meters AR150
(150m refills for Arianna unwinders)

Other packings : 250 and 500m drums

Compression type "F" PPC Connector : CMPMC 37 / CMPMC 37-A

Crimp type "F" connector : MP-CRP 5

Screw type "F" connector : C.TV.FM. 5

With reference to norms: CEI 46-1 (construction parameters) - CEI 100-7 (TV reception installations) - EN 50117-5 (cable networks) - CEI 20-52

Messi & Paoloni

Professional line

Digital terrestrial & satellite DVB-T



Digisat 822 Expert

Class A+

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

AL-POL-AL

100% screening percentage

High resistance "tear proof" PVC Jacket to be used mostly inside conduits.

PVC Ø 6,8 ± 0,15 mm

NOTE : for outdoor use we warmly recommend black PE Jacket cables, with the addition of **PPC**® "AquaTight" connectors.

Physical injection foamed polyethylene **DIELECTRIC**
FPE Ø 4,8 ± 0,05 mm

Inner conductor : 99,99% pure electrolytic annealed bare copper (annealed=thermal softening process)

Cu Ø 1,13 mm



High resistance screen made by means of a sturdy Aluminium-Magnesium alloy **BRAID**. (AlMg). The braiding process is operated by means of **16 spools** braiding machines. Highly effective against low frequency impulsive noises.

SCREENING

PERCENTAGE: 76%

128 wires

ELECTRICAL DATA

Nominal Impedance	Ohm±3	75
Capacitance	pF/m±2	52
Velocity Ratio	%	85
Attenuation	at 20° C)	
	MHz 5 dB/100 m	1,0
	MHz 50 dB/100 m	4,1
	MHz 200 dB/100 m	7,8
	MHz 470 dB/100 m	12,4
	MHz 860 dB/100 m	17,0
	MHz 1000 dB/100 m	18,6
	MHz 1750 dB/100 m	25,3
	MHz 2050 dB/100 m	27,5
	MHz 2150 dB/100 m	28,2
	MHz 2400 dB/100 m	29,8
	MHz 3000 dB/100 m	34,0

Structural Return Loss (SRL)

30-470 MHz	dB	>33
470-860 MHz	dB	>28
860-2150 MHz	dB	>22

Screening efficiency :

30-1000 MHz	dB	>92
1000-2000 MHz	dB	>88
2000-3000 MHz	dB	>80

Transfer Impedance (return path)	mOhm/m	<2
Inner conductor resistance	Ohm/Km	17,5
Outer conductor resistance	Ohm/Km	30

Tension test of the jacket (Spark test) 4 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

With reference to norms: CEI 46-1 (construction parameters) - CEI 100-7 (TV reception installations) - EN 50117-5 (cable networks) - CEI 20-52



ARIANNA

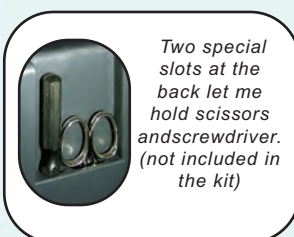
PATENTED

INGENIOUS: made by means of 4 dies only

STURDY & LONG LASTING: made by moplen, abs, stainless steel and brass.

All weak points have been strengthened in order to resist to heavy duty.

The shape also lets you use it as . . . an emergency seat or stool.



Two special slots at the back let me hold scissors and screwdriver. (not included in the kit)



It has rubber slip-proof feet.



Free reins!

I can place 4 or 5 Arianna unwinders side-by-side; then connecting the ends to a probe I can simultaneously insert several cables into the duct.



The shoulder strap has a soft rubber pad to cushion the contact point and prevent slipping.

LIGHT: It weights 1,6 Kg only



Accessori / Accessories

QUICK GLIDE

VT150

Not compatible with PPC EX11 e PPC B004-FM



VT300



GA03



FC1



TR1

ENGLISH

(Cu)	Bare copper
(CuSn)	Tinned copper
(CuAg)	Silver plated copper
(CCS)	Copper plated steel
(CCA)	Copper clad aluminium
(Cu-Pol)	Copper-Polyester tape
(Al-Pol-Al)	Aluminium-Polyester-Aluminium tape
(Al-Pol Red)	Aluminium-Polyester red tape
(PE)	Solid polyethylene
(FPE)	Foamed polyethylene
(PVC)	Polyvinyl chloride
(Pol)	Polyester tape
(PJ)	Petrol Jelly
(*)	On request



PACKINGS

ARIANNA REFILLS

6X



100 m
For Ø ext. < 7 mm

600 m

150 m
For Ø ext. < 5,6 mm

900 m

200 m
For Ø ext. < 4,5 mm

1200 m



OTHER PACKINGS



24000 m,
36000 m
or 38400 m
according to
cable diameter



250 m or 500 m
according to cable
diameter



200 m, 250 m or
500 m according to
cable diameter



500m to 1000m
wooden drums

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