

SAT 723/S



RoHS
COMPLIANT
2002/95/EC



PVC jacket to be used mostly inside conduits.

PVC Ø 6,8 ± 0,15 mm

Triple layer screening tape, (foil), highly effective against high frequency interferences. screening percentage 100%

AL-POL-AL

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

ELECTRICAL DATA

Nominal Impedance : 75 Ohm±3

Capacitance : 52 pF/m±2

Velocity ratio : 85 %

ATTENUATION (at 20°C)

MHz 5	dB/100m 1,2
MHz 50	dB/100m 4,4
MHz 200	dB/100m 8,0
MHz 470	dB/100m 12,5
MHz 800	dB/100m 16,6
MHz 860	dB/100m 17,3
MHz 1000	dB/100m 18,9
MHz 1750	dB/100m 25,6
MHz 2050	dB/100m 27,8
MHz 2150	dB/100m 28,5
MHz 2400	dB/100m 30,2
MHz 3000	dB/100m 34,1

STRUCTURAL RETURN LOSS (SRL)

MHz 30-470	>30 dB
MHz 470-860	>27 dB
MHz 860-2150	>22 dB

SCREENING EFFICIENCY :

MHz 30-1000	>82 dB
MHz 1000-2000	>76 dB
MHz 2000-3000	>72 dB

Transfer Impedance (return path) : <4 mOhm/m

Inner conductor resistance : 18 Ohm/Km

Outer conductor resistance : 38 Ohm/Km

Tension test of the jacket (spark test) : 4 kV

STANDARD PACKING type & metres : 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



Screen made of a sturdy Aluminium-Magnesium alloy **BRAID (AlMg)**. The braiding process is operated by means of **16 spools** braiding machines. The braid plays an important role against low frequency impulsive noises.

SCREENING

PERCENTAGE: 45%

64 wires

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

Cu Ø 1,13 mm