

MINISAT 1 Plus SN

PVC jacket to be used mostly inside conduits.

PVC Ø 5 ± 0,15 mm

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

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

AL-POL-AL

Physical injection foamed polyethylene **DIELECTRIC FPE Ø 3,5 ± 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 1,5
MHz 50	dB/100m 5,9
MHz 200	dB/100m 11,0
MHz 470	dB/100m 16,9
MHz 800	dB/100m 22,5
MHz 860	dB/100m 23,3
MHz 1000	dB/100m 25,3
MHz 1750	dB/100m 34,3
MHz 2050	dB/100m 37,4
MHz 2150	dB/100m 38,5
MHz 2400	dB/100m 40,5
MHz 3000	dB/100m 45,8

STRUCTURAL RETURN LOSS (SRL)

MHz 30-470	>30 dB
MHz 470-860	>26 dB
MHz 860-2150	>20 dB

SCREENING EFFICIENCY :

MHz 30-1000	>80 dB
MHz 1000-2000	>78 dB
MHz 2000-3000	>80 dB
Transfer Impedance (return path) :	<3 mOhm/m
Inner conductor resistance :	34 Ohm/Km
Outer conductor resistance :	30 Ohm/Km

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

STANDARD PACKING type & metres : T100, BP200

(roll from 100m, plastic bobbin from 200m)

Compression type "F" PPC connector : CMPMC37 / CMPMC37-A

Crimp type "F" connector : MP-CRP 5

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



Screen made of a sturdy tinned copper **BRAID (CuSn)**. 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%

48 wires

Inner conductor in pure electrolytic annealed bare copper. (annealed = thermal softening process.)

CU Ø 0,81 mm