

Messi & Paoloni - dal 1946

# SPEEDY5

*Class A*

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

**PVC Ø 5 ± 0,15 mm**



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

**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 6,0
MHz 200	dB/100m 11,1
MHz 470	dB/100m 17,4
MHz 800	dB/100m 23,2
MHz 860	dB/100m 24,2
MHz 1000	dB/100m 26,2
MHz 1750	dB/100m 35,3
MHz 2050	dB/100m 38,6
MHz 2150	dB/100m 39,5
MHz 2400	dB/100m 42,0
MHz 3000	dB/100m 47,5

## STRUCTURAL RETURN LOSS (SRL)

MHz 30-470	>30 dB
MHz 470-860	>25 dB
MHz 860-2150	>20 dB

## SCREENING EFFICIENCY :

MHz 30-1000	>85 dB
MHz 1000-2000	>82 dB
MHz 2000-3000	>80 dB
Transfer Impedance (return path) :	<3 mOhm/m
Inner conductor resistance :	35 Ohm/Km
Outer conductor resistance :	40 Ohm/Km

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

STANDARD PACKING type & metres : SCB150

( Cardboard box including 150m unwinder bobbin )

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

Crimp type "F" connector : MP-CRP 5

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

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**

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

**Cu Ø 0,80 mm**

