

Messi & Paoloni - dal 1946

# SPEEDY6

*Class A*

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

**PVC Ø 6,5 ± 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 4,6 ± 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 1,1  |
| MHz 50   | dB/100m 4,4  |
| MHz 200  | dB/100m 8,4  |
| MHz 470  | dB/100m 13,5 |
| MHz 800  | dB/100m 18,0 |
| MHz 860  | dB/100m 18,6 |
| MHz 1000 | dB/100m 20,6 |
| MHz 1750 | dB/100m 28,3 |
| MHz 2050 | dB/100m 31,1 |
| MHz 2150 | dB/100m 31,9 |
| MHz 2400 | dB/100m 33,9 |
| MHz 3000 | dB/100m 39,1 |

## STRUCTURAL RETURN LOSS (SRL)

|              |        |
|--------------|--------|
| MHz 30-470   | >28 dB |
| MHz 470-860  | >25 dB |
| MHz 860-2150 | >22 dB |

## SCREENING EFFICIENCY :

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

Transfer Impedance (return path) : <5 mOhm/m

Inner conductor resistance : 22 Ohm/Km

Outer conductor resistance : 31 Ohm/Km

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

STANDARD PACKING type & metres : SCB100

( Cardboard box including 100m unwinder bobbin )

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

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%**

**96 wires**

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

**Cu Ø 1,02 mm**

