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

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

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

Our products are manufactured in compliance with: CEI 46-1 (construction parameters); EN 50117(screening efficiency); CEI EN 50289(SA test methods); IEC 60332-1-2 (cables with LSZH jacket); EN 50290-2-22(cables with PVC jacket); EN 50290-2-23(cables with PE jacket); CEI EN 60332-3-22 (Cables, when installed, vertically or horizontally laid,bunched on cable trays, in conduit or pipes, as potential vectors for fire propagation).