



Construction

Conductor	Stranded silver plated copper wires composition: 7x0,75 mm
Dielectric	Solid polyethylene (PE) Nominal diameter: 7,25 mm
1st Screen	Silver plated copper wire braid Coverage: 94% Aprox.
2nd Screen	Silver plated copper wire braid Coverage: 97% Aprox.
Outer sheath	PVC Colour: Black

Technical characteristics

Conductor resistance	5,7 Ohm/Km (Inner conductor) 9,6 Ohm/Km (1st braid) 8,2 Ohm/Km (2nd braid)
Mutual capacitance	100 pF/m
Characteristic Impedance	50 Ohm
Velocity of propagation	66 %
Test Voltage	10 kV
Attenuation (dB/100m)	4,80 at 50 MHz 6,90 at 100 MHz 15,2 at 400 MHz 26,7 at 1000 MHz 54,8 at 3000 MHz 79,8 at 5200 MHz 86,6 at 5800 MHz
Return Loss	23 dB Mín. at 100 MHz 20 dB Mín. at 1000 MHz 19 dB Mín. at 3000 MHz 18 dB Mín. at 5000 MHz
Operating T^a	Service: -40°C+85°C During installation: -15°C+55°C
Min. bending radius	5xD (service) 10xD (during installation)

Application

50 Ohm coaxial cables for radio frequency applications

Standards / Properties

Ref. standard for drawing	MIL-C-17F and MIL-C-17G
Flame Retardant	UNE-EN 60332-1 (IEC 60332-1)



flame retardant



electromagnetic
protection



Constructive data

Code	Ø (mm)	Weight (kg/km)
14550700	10,80	200

Legend

Code	Cervi codification
Ø (mm)	Aprox. outer diameter (mm)
Weight (kg/km)	Approximate cable weight (kg/km)