



## Construction

<b>Conductor</b>	Silver plated copper wire Diameter: 0,90 mm
<b>Dielectric</b>	Solid polyethylene (PE) Nominal diameter: 2,95 mm
<b>1st Screen</b>	Silver plated copper wire braid Coverage: 96% Aprox.
<b>2nd Screen</b>	Silver plated copper wire braid Coverage: 96% Aprox.
<b>Outer sheath</b>	PVC Colour: Black

## Technical characteristics

<b>Conductor resistance</b>	29,1 Ohm/Km (Inner conductor) 13,5 Ohm/Km (1st braid) 15,5 Ohm/Km (2nd braid)
<b>Mutual capacitance</b>	100 pF/m
<b>Characteristic Impedance</b>	50 Ohm
<b>Velocity of propagation</b>	66 %
<b>Test Voltage</b>	5 kV
<b>Attenuation (dB/100m)</b>	9,80 at 50 MHz 28,4 at 400 MHz 45,9 at 1000 MHz 83,1 at 3000 MHz 112,7 at 5200 MHz 120,6 at 5800 MHz
<b>Return Loss</b>	27 dB Min. at 100 MHz 23.5 dB Min. at 1 GHz 21.5 dB Min. at 2 GHz 21.0 dB Min. at 4-5 GHz 20 dB Min. at 10 GHz
<b>Operating T<sup>a</sup></b>	Service: -40°C+85°C During installation: -15°C+55°C
<b>Min. bending radius</b>	5xD (service) 10xD (during installation)

## Application

50 Ohm coaxial cables for radio frequency applications

## Standards / Properties

<b>Ref. standard for drawing</b>	MIL-C-17F y MIL-C-17G
<b>Flame Retardant</b>	UNE-EN 60332-1 (IEC 60332-1)



flame retardant



electromagnetic protection



## Datos Constructivos

Code	Ø (mm)	Weight (kg/km)
14550700	5,40	60

### Leyenda

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