



## Construction

<b>Conductor</b>	Copper clad steel wire (CCS) Diameter: 1,02 mm
<b>Dielectric</b>	PEE-Physical (physically foamed polyethylene) Diameter: 4,60 mm
<b>Outer conductor</b>	1. Tape: Aluminium/Polyester/Aluminium + Adh + 2. BRAID: Aluminium wires Coverage: 75%
<b>Outer sheath</b>	Halogen free compound (UV) Colour: Black

## Technical characteristics

<b>Characteristic Impedance</b>	75 $\pm$ 2 Ohm
<b>Capacitance</b>	54 pF/m (Average value)
<b>Velocity of propagation</b>	> 83%
<b>Loop resistance</b>	83 Ohm/Km
<b>Attenuation (dB/100m)</b>	at 5 MHz ----- 1.9 at 50 MHz ----- 4.8 at 100 MHz ----- 6.8 at 200 MHz ----- 9.0 at 500 MHz ----- 14 at 800 MHz ----- 19 at 1000 MHz ----- 21 at 1350 MHz ----- 23 at 1750 MHz ----- 27 at 2050 MHz ----- 28.5 at 2150 MHz ----- 29.5 at 2500 MHz ----- 33 at 3000 MHz ----- 36
<b>Return Loss</b>	5 - 470 MHz ----- 29 dB Min. 470 - 950 MHz ----- 27 dB Min. 950 - 2150 MHz ----- 25 dB Min.
<b>Screen efficiency</b>	90 dB Min (Class A)
<b>Min. bending radius</b>	40 mm

## Application

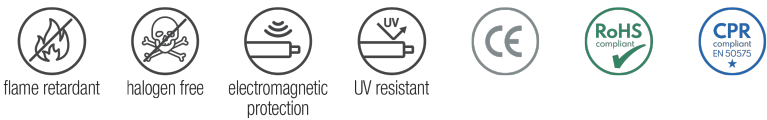
Halogen free coaxial cable for broadband and ultrafast networks, subscriber distribution networks and telephone operators according to the new Telecommunications Infrastructure Regulation (ICT, RD 346/2011). With UV resistant outer sheath.

\* CPR:

Cable suitable for installation under the requirements of CPR (Construction Product Regulation (EU) No. 305/2011) according to the classification (Euroclass) specified in this document.

Standards / Properties

Standards	UNE-EN 50117 ICT RD 346/2011
CPR Classification (Euroclass)	Dca-s2, d2, a2 (According to UNE-EN 50575)
Other characteristics	Halogen free UV resistant



Constructive data

Code	Ø (mm)	Weight (kg/km)
14551600	7.1	43

Legend

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