



Construction

Conductor	Bare copper wire Diameter: 1,15 mm
Dielectric	PEE-Physical (Physically expanded polyethylene) Diameter: 5,10 mm
Outer conductor	1. Layer: Cu-Pet Tape + 2. Copper braid (90%)
Outer sheath	Halogen free compound (UV) Colour: White

Technical characteristics

Characteristic Impedance	75 ± 2 Ohm
Capacitance	54 pf/m (Medium value)
Velocity of propagation	> 83%
Loop resistance	42 Ohm/Km
Attenuation (dB/100m)	at 50 MHz ----- 3.5 at 100 MHz ----- 5.1 at 200 MHz ----- 7.5 at 500 MHz ----- 11.9 at 800 MHz ----- 15.4 at 1000 MHz ----- 18.0 at 1350 MHz ----- 20.6 at 1750 MHz ----- 24 at 2050 MHz ----- 26 at 2150 MHz ----- 26.5 at 2500 MHz ----- 29.0 at 3000 MHz ----- 32.0
Return Loss	5 - 470 MHz ----- 29 dB Min. 470 - 950 MHz ----- 27 dB Min. 950 - 2150 MHz ----- 25 dB Min.
Screen efficiency	90 dB Min. (Class A)
Min. bending radius	35 mm

Application

Halogen free coaxial cable for downlink TV antenna and ICT derivation (RD 346/2011), applicable to Digital TV, DTT, SAT.

*CPR:

Cable suitable for installation under the requirements of CPR (Construction Product Regulation (EU) N°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 UNE-EN 50575)

Other characteristics

Halogen free
UV resistant



halogen free



UV resistant



Constructive Data

Code	Ø (mm)	Weight (kg/km)
29900521	7.1	44

Legend

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