



## Construction

<b>Conductor</b>	Bare copper wire Diameter: 1,15 mm
<b>Dielectric</b>	PEE-Physical (Physically expanded polyethylene) Diameter: 5,10 mm
<b>Outer conductor</b>	1. Layer: Cu-Pet Tape +
	2. Copper braid (90%)
<b>Outer sheath</b>	PE (Polyethylene) Color: Black

## Technical characteristics

<b>Characteristic Impedance</b>	75 ± 2 Ohm
<b>Capacitance</b>	54 pf/m (Medium value)
<b>Velocity of propagation</b>	> 83%
<b>Loop resistance</b>	42 Ohm/Km
<b>Attenuation (dB/100m)</b>	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
<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>	35 mm

## Application

Coaxial cable for downlink TV antenna and ICT derivation (RD 346/2011), applicable to Digital TV, DTT, SAT. With polyethylene outer cover, suitable for outdoor applications.

\*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 50117-5

**CPR Classification (Euroclass)**

ICT RD 346/2011

Fca

(According UNE-EN 50575)

**Other characteristics**

UV resistant



UV resistant



## Constructive Data

Code	Ø (mm)	Weight (kg/km)
09500110	7.1	44

### Legend

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