COAXIAL RG-6 ICT RBA-6 HF CPR NG **Coaxial Cables**





Construction

Conductor Copper clad steel wire (CCS)

Diameter: 1,02 mm

Dielectric PEE-Physical (physically foamed polyethylene)

Diameter: 4,60 mm

Outer conductor 1. Tape:

Aluminium/Polyester/Aluminium + Adh

2. BRAID:

Aluminium wires Coverage: 75%

Outer sheath Halogen free compound (UV)

Colour: Black

Technical characteristics

Characteristic Impedance 75 ± 2 Ohm

Capacitance 54 pf/m (Average value)

Velocity of propagation > 83% Loop resistance 83 Ohm/Km

Attenuation (dB/100m) 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

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 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.

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The shown image is illustrative and may not necessarily be a faithful reproduction of the cable design.

14551600 Family: 1455 Revision: Date: 24/11/2020

Code:

Realized:

Approved:

COAXIAL RG-6 ICT RBA-6 HF CPR NG Coaxial Cables



Standards / Properties

Standards

UNE-EN 50117 ICT RD 346/2011

CPR Classification (Euroclass)

Dca-s2, d2, a2

Other characteristics

(According to UNE-EN 50575)

Halogen free UV resistant













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Code: 14551600 Family: 1455 Revision: 3 Date: 24/11/2020 Realized:

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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)

Code: 14551600 Family: 1455 Revision: 3 Date: 24/11/2020

Realized: