

CATALOG CARD

Model



RG6-U 100m



Ø	1,02 (FeCu)	4,80 (FPE)	4,90 (Al/PET)	5,50 (Al)	6,80 (PVC)
---	----------------	---------------	------------------	--------------	---------------

APPLICABLE STANDARDS

1. PN-EN 50117-2-4: 2005+A1:2008. Coaxial cables - Part 2-4: Sectional specification for cables used in cabled distribution networks - Indoor drop cables for systems operating at 5 MHz - 3 000 MHz.
2. PN-EN 50117-1:2003+A1: 2007. Coaxial cables - Part 1: Generic specification.
3. Directive 2011/65/EU with annex II 2015/863 (RoHS 3)

PRODUCT DESCRIPTION

Double-shielded coaxial cable with copper plated steel inner conductor. The conductor is covered with physically foamed nitrogen (N) polyethylene, which has particularly effective dielectric insulation. Shielding is made in accordance with the Double standard, which uses double conductor protector. The first of them is a layer of AL/PET aluminium foil and second one is aluminium wire braiding with optical coverage 75%. The outer sheath is made of white PVC, which protects against mechanical damage and allows quick and comfortable cable installation.

IMPLEMENTATION

Coaxial cable enables transmission of digital and sinusoidal signals in the range 20 Hz- 15 Ghz. It is used for creating lead connections in ICT installations. The NSSOTRI cable is dedicated to internal individual and multiswitch installations. It can be successfully used for receiving DVB-T (Digital Video Broadcasting - Terrestrial), FM/DAB radio and DVB-S/S2 satellite television. It is also implemented for industrial installations - CCTV.

TECHNICAL DATA

Type: RG-6
Inner conductor: copper (FeCu), $\varnothing 1,02 \pm 0,02$ mm
Dielectric: Polyethylene physically foamed with nitrogen (N), $\varnothing 4,80 \pm 0,02$ mm
First screening: Al/PET foil, thickness 0.04 mm
Braiding: 48 wires x 0.12mm (braid, 75%), AL wire
Outer diameter PVC: $\varnothing 6,8$ mm, white
Characteristic impedance: 75 ± 3 Ohm
Working temperature: -20 C ÷ $+70$ C
Laying temperature: 0 C ÷ $+70$ C
Minimum bending radius [x cable diameter]: >8
Purpose: indoors
Compliance with standards: 2011/65/EU;2015/863 (RoHS 3)
Length: 100 m.
Brand: **CONOTECH**

Novisat LLC
37b Zaporoska street
53519 Wroclaw
Poland

Phone: +4871 799 09 34
www.novisat.pl
mail: novisat@novisat.pl

Date

2023-02-10