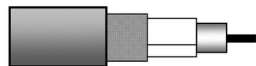




Product: [PRG11C0](#) 



PRG11C0 - Broadband Coax, RG11 Type, 15 AWG Solid BC, CU-Foil + 45% BC Braid, PE Jkt

Product Description

Broadband Coax, RG11 Type, 15 AWG Solid Bare Copper Conductor, PE Insulation, Copper Foil + 45% Bare Copper Braid Shield, PE Jacket

Technical Specifications

Product Overview

Suitable Applications:	Broadband, Cable Television (CATV), RF drop cable, Over-The-Air (OTA) antennas
------------------------	--

Construction Details

RG Type:	11
----------	----

Conductor

No. of Elements	Size	Stranding	Nom. Diameter	Material
1	15 AWG	Solid	1.55 mm	BC - Bare Copper

Insulation

Element	Material	Nom. Insulation Diameter
Insulated Conductor	PE - Polyethylene (Foam)	7.25 mm (0.285 in)

Table Notes:	Centricity min. 85%
--------------	---------------------

Outer Shield

Layer	Outer Shield Type	Material	Coverage
1	Tape	Bi-Laminate (Bare Copper+Poly)	100%
2	Braid	Bare Copper (BC)	45%

Outer Jacket

Material	Nom. Diameter
PE - Polyethylene	10.1 mm

Table Notes:	According to EN 50290-2-20
--------------	----------------------------

Electrical Characteristics

Regularity of Impedance:	Min. 46 dB
--------------------------	------------

Return Loss (RL)

Frequency	Min. Return Loss
5 - 30 MHz	26 dB
30 - 470 MHz	26 dB
470 - 1000 MHz	23 dB
1000 - 2000 MHz	18 dB

Table Notes:	In each frequency band, 3 peak values up to 4 dB lower are allowed
--------------	--

Attenuation

Frequency	Nom. Attenuation
5 MHz	0.9 dB/100m
50 MHz	2.8 dB/100m
100 MHz	3.9 dB/100m

200 MHz	5.7 dB/100m
400 MHz	8.2 dB/100m
600 MHz	10.2 dB/100m
800 MHz	12 dB/100m
1000 MHz	13.6 dB/100m
1350 MHz	16.1 dB/100m
1600 MHz	17.8 dB/100m
1750 MHz	18.7 dB/100m
2150 MHz	21.1 dB/100m
2400 MHz	22.5 dB/100m
2600 MHz	23.6 dB/100m
2800 MHz	24.7 dB/100m
3000 MHz	25.7 dB/100m

Table Notes:	Max. attenuation 10% higher
--------------	-----------------------------

Electricals

Max. Conductor DCR	Nom. Outer Shield DCR	Nom. Capacitance Cond-to-Shield	Nom. Characteristic Impedance	Nom. Velocity of Prop.
9.4 Ohm/km (2.9 Ohm/1000ft)	12.3 Ohm/km (3.75 Ohm/1000ft)	55 pF/m (17 pF/ft)	75 Ohm	81%

Transfer Impedance

Max. Transfer Impedance
Max. 15 mOhm/m

Screening

Frequency	Min. Screening Attenuation
30 - 1000 MHz	85 dB

Screening Class:	B
------------------	---

Mechanical Characteristics

Temperature

Operating	Installation	Storage
-60°C To +70°C	-5°C To +50°C	-60°C To +70°C

Bend Radius

Stationary Min.
100 mm (3.9 in)

Standards and Compliance

Environmental Suitability:	Outdoor
CPR Compliance:	CPR Euroclass: Fca
CENELEC Compliance:	EN 50117-1, EN 50117-9-2, EN 50290-2-20
European Directive Compliance:	EU CE Mark

History

Update and Revision:	Revision Number: 0.217 Revision Date: 02-03-2025
----------------------	--

Part Numbers

Variants

Item #	Color	Putup Type	Length	EAN
PRG11C0.00250	Black	Reel	250 m	8719605105868
PRG11C0.00500	Black	Reel	500 m	8719605105875
PRG11C0.001000	Black	Reel	1,000 m	8719605105851

Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.