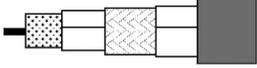




**Product:** [PRG11D0](#)



PRG11D0 - Broadband Coax, RG11 Type, 15 AWG Solid BC, Tri Shield, 70% TC Braid, PVC Jkt

## Product Description

Broadband Coax, RG11 Type, 15 AWG Solid Bare Copper Conductor, PE Insulation, Duobond Plus® + 70% Tinned Copper Braid Shield, PVC Jacket

## Technical Specifications

### Product Overview

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

RG Type:	11
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#### 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)

#### Outer Shield

Layer	Outer Shield Type	Material	Coverage
1	Tape	Tri-Laminate (Alum+Poly+Alum)	100%
2	Braid	Tinned Copper (TC)	70%
3			

#### Outer Jacket

Material	Nom. Diameter
PVC - Polyvinyl Chloride	10.1 mm

Table Notes:	According to EN 50290-2-20
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### Electrical Characteristics

Regularity of Impedance:	Min. 46 dB
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#### Return Loss (RL)

Frequency	Min. Return Loss
5 - 30 MHz	26 dB
30 - 470 MHz	26 dB
470 - 100 MHz	23 dB
1000 - 2000 MHz	18 dB

Table Notes:	In each frequency band, 3 peak values up to 4 dB lower are allowed
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#### 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
3000 MHz	25.2 dB/100m

Table Notes:	Max. attenuation 10% higher
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#### 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)	7.0 Ohm/km (2.1 Ohm/1000ft)	55 pF/m (17 pF/ft)	75 Ohm	81%

#### Transfer Impedance

<b>Max. Transfer Impedance</b>
Max. 2.5 mOhm/m
Typ. 1.9 mOhm/m

#### Screening

Frequency	Min. Screening Attenuation
30 - 1000 MHz	95 dB

Screening Class:	A+
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## Mechanical Characteristics

#### Temperature

Operating	Installation	Storage
-40°C To +70°C	-5°C To +50°C	-40°C To +70°C

#### Bend Radius

<b>Stationary Min.</b>
100 mm (3.9 in)

## Standards and Compliance

Environmental Suitability:	Indoor - Euroclass Eca
Flammability / Reaction to Fire:	IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
CENELEC Compliance:	EN 50117-1, EN 50117-9-2, EN 50290-2-20
European Directive Compliance:	EU CE Mark
UK Regulation Compliance:	UKCA Mark

## History

Update and Revision:	Revision Number: 0.214 Revision Date: 05-31-2024
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## Part Numbers

#### Variants

Item #	Color	Putup Type	Length	EAN
PRG11D0.00500	Black	Reel	500 m	8719605106247

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