

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

5 MHz

50 MHz

100 MHz

0.9 dB/100m

2.8 dB/100m

3.9 dB/100m

Suitable Application	ns:		B	roadband,	Cable Television
onstruction I	Details	;			
RG Type:			1'	1	
onductor					
No. of Elements	Size	Stranding	Nom. I	Diameter	Material
	15 AWG		1.55 m		BC - Bare Copp
sulation					
Element		Material			ulation Diamet
nsulated Conducto	or PE - F	Polyethylene	(Foam)	7.25 mm	(0.285 in)
able Notes:			C	entricity m	in. 85%
uter Shield					
ayer Outer Shie	eld Type		Materia	ıl	Coverage
	Tape Bi-Laminate (Bare Copper+Poly)				
		Di Laminad	oppertru	iy) 100%	
2 Braid		Bare Coppe		sopper r o	45%
2 Braid Duter Jacket Material PE - Polyethylene		Bare Coppe	er (BC)		45%
2 Braid Puter Jacket Material PE - Polyethylene		Bare Coppe	er (BC)		
2 Braid Outer Jacket Material	10.1 mn	Bare Coppe	er (BC)		45%
2 Braid uter Jacket Material PE - Polyethylene Table Notes: Electrical Char	10.1 mn racteri	Bare Coppe	Ar		45%
2 Braid uter Jacket Material PE - Polyethylene Table Notes: Electrical Char Regularity of Imped	10.1 mn racteri	Bare Coppe	Ar	ccording to	45%
2 Braid uter Jacket Material PE - Polyethylene Table Notes: Electrical Cha Regularity of Impediated States (RL)	10.1 mn racteri	Bare Coppe	Ar	ccording to	45%
2 Braid uter Jacket Material PE - Polyethylene Table Notes: Electrical Chai Regularity of Imped eturn Loss (RL) Frequency	10.1 mn racteri	Bare Coppe	Ar	ccording to	45%
2 Braid Auter Jacket Material PE - Polyethylene Table Notes: Electrical Char Regularity of Impect teturn Loss (RL) Frequency 5 - 30 MHz	10.1 mn racteri dance: Min. Ret	Bare Coppe	Ar	ccording to	45%
2 Braid uter Jacket Material PE - Polyethylene Table Notes: Electrical Char Regularity of Imped eturn Loss (RL) Frequency 5 - 30 MHz 30 - 470 MHz	10.1 mm racteri dance: <u>Min. Ret</u> 26 dB	Bare Coppe	Ar	ccording to	45%
2 Braid uter Jacket Material PE - Polyethylene Fable Fable Notes: Fable Geturical Char Geturical Char Regularity of Imped Frequency 64urn Loss (RL) Frequency 5 - 30 MHz 50 - 470 MHz	10.1 mm racteri dance: 26 dB 26 dB 23 dB	Bare Coppe	Ar	ccording to	45%

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	s:

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

Outdoor
CPR Euroclass: Fca
EN 50117-1, EN 50117-9-2, EN 50290-2-20
EU CE Mark

History

Update and Revision:

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

Part Numbers

Variants

ltem #	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

© 2025 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product

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.