



Product: [8213](#)

Analog Video, RG11, #14 Solid BC, 95% BC Braid, PE Jacket

Product Description

14 AWG solid .064" bare copper conductor, gas-injected foam HDPE insulation, bare copper braid shield (95% coverage), polyethylene jacket.

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	Nominal Diameter	No. of Coax
14	Solid	BC - Bare Copper	0.064 in	1

Conductor Count:	1
------------------	---

Insulation

Material	Nominal Diameter
PE - Polyethylene (Foam)	0.285 in

Table Notes:	Gas Injected
--------------	--------------

Outer Shield Material

Type	Material	Coverage [%]
Braid	Bare Copper (BC)	95%

Outer Jacket Material

Material	Nominal Diameter
PE - Polyethylene	0.405 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR	Nominal Conductor DCR	Conductor Resistance	Nominal Outer Shield DCR	Outer Conductor DCR
2.6 Ohm/1000ft	2.6 Ohm/1000ft		1.1 Ohm/1000ft	1.1 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Shield
16.1 pF/ft

Inductance

Nominal Inductance
0.097 μ H/ft

Impedance

Nominal Characteristic Impedance
75 Ohm

Return Loss (RL)

Frequency [MHz]	Min. Structural Return Loss (SRL)
5-450 MHz	23 dB

High Frequency (Nominal/Typical)

Frequency [MHz]	Nom. Insertion Loss	Nom. Structural Return Loss (SRL)
1 MHz	0.2 dB/100ft	23 dB
450 MHz	0.4 dB/100ft	
5 MHz	0.9 dB/100ft	
100 MHz	1.3 dB/100ft	
200 MHz	1.9 dB/100ft	
400 MHz	2.9 dB/100ft	
700 MHz	4.1 dB/100ft	
900 MHz	4.8 dB/100ft	
1000 MHz	5.2 dB/100ft	

Delay

Nominal Delay	Nominal Velocity of Propagation (VP) [%]
1.21 ns/ft	84%

High Freq

Frequency [MHz]	Max. Insertion Loss (Attenuation)
400 MHz	4.4 dB/100ft

Voltage

Non-UL Voltage Rating
300 V RMS

Temperature Range

Non-UL Temp Rating:	80°C
Operating Temp Range:	-55°C To +80°C

Mechanical Characteristics

Bulk Cable Weight:	78 lbs/1000ft
Max. Pull Tension:	171 lbs
Min Bend Radius/Minor Axis:	4 in

Standards

RG Type:	11
Series Type:	11

Applicable Environmental and Other Programs

Environmental Space:	Indoor/Outdoor
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/11/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2004-01-01
MII Order #39 (China RoHS):	Yes

Suitability

Suitability - Aerial:	Yes - When supported by messenger wire
Suitability - Burial:	Yes
Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes

Plenum/Non-Plenum

Plenum (Y/N):	No
---------------	----

Part Number

Variants

Item #	Color	Putup Type	Length	UPC
8213 010500	Black	Reel	500 ft	612825196211
8213 0101000	Black	Reel	1,000 ft	612825357599
8213 0102000	Black	Reel	2,000 ft	612825355557

Footnote: C - CRATE REEL PUT-UP.

History

Update and Revision: Revision Number: 0.289 Revision Date: 02-16-2021

© 2021 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.