



**Product: 8213** ☑

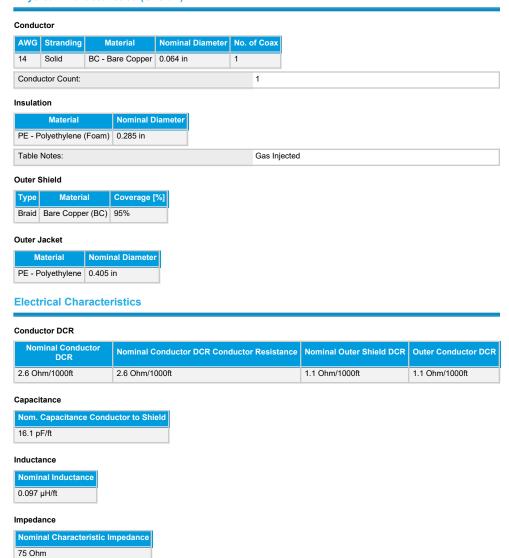
Analog Video, RG11, #14 Solid BC, 95% BC Braid, PE Jacket

# **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)**



### 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 Frequency

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 2):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU (RoHS 2 amendment):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
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**

Va	ria	nts

Item #	Color	Put-Up 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: 0.340 Revision Date: 12-15-2021

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