

Part Number: 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

Construction and Dimensions

Conductor:

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

Insulation:

Material	Nominal Diameter
Gas-injected FHDPE - Foam High Density Polyethylene	0.285 in

Outershield 1:

Type	Material	Coverage [%]
Braid	BC - Bare Copper	95 %

Outerjacket 1:

Material	Nominal Diameter
PE - Polyethylene	0.405 in

Electrical Characteristics

Conductor DCR:

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

Capacitance:

Nom. Capacitance Conductor to Shield

16.1 pF/ft

Impedance:**Nominal Characteristic Impedance**

75 Ohm

High Frequency (Nominal/Typical):

Frequency [MHz]	Nom. Insertion Loss	Nom. Structural Return Loss (SRL)
1 MHz	0.2 dB/100ft	23 dB
10 MHz	0.4 dB/100ft	
50 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 %

Inductance:**Nominal Inductance**0.097 μ H/ft**Voltage:****Non-UL Voltage Rating**

300V RMS

Use**Suitability - Indoor:**

Yes

Suitability - Outdoor:

Yes

Max Recommended Pulling Tension:

171 lbs

Temperature Range**Non-UL Temp Rating:**

80°C °C

Operating Temp Range:

-55°C To +80°C °C

Mechanical Characteristics

Min Bend Radius/Minor Axis:	4 in
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Part Number

Plenum (Y/N):	No
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Standards

CA Prop 65 (CJ for Wire & Cable):	Yes
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MII Order #39 (China RoHS):	Yes
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RG Type:	11/U
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EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
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EU CE Mark:	Yes
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History

Notes:	100% sweep tested. 5 MHz to 450 MHz.
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Product Variants

Part Number	Color	Put-Up Type	Length
8213			
8213	BLACK	Reel	1000 ft
8213	BLACK	Reel	305 m
8213 0101000	BLACK	Reel	1000 ft
8213	BLACK	Reel	2000 ft
8213	BLACK	Reel	610 m
8213 0102000	BLACK	Reel	2000 ft
8213	BLACK	Reel	915 m
8213	BLACK	Reel	500 ft
8213	BLACK	Reel	152 m
8213 010500	BLACK	Reel	500 ft
8213	BLACK	Reel	1000 ft
8213	BLACK	Reel	305 m
8213	BLACK	Reel	610 m
8213	BLACK	Reel	305 m
8213			
8213			
8213			

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