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please call

1-800-Belden1



### General Description:

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

### Physical Characteristics (Overall)

#### Conductor

AWG:

# Coax	AWG	Stranding	Conductor Material	Dia. (in.)
1	14	Solid	BC - Bare Copper	.064

Total Number of Conductors: 1

#### Insulation

Insulation Material:

Insulation Material	Dia. (in.)
Gas-injected FHDPE - Foam High Density Polyethylene	.285

#### Outer Shield

Outer Shield Material:

Type	Outer Shield Material	Coverage (%)
Braid	BC - Bare Copper	95.000

#### Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PE - Polyethylene

#### Overall Cable

Overall Nominal Diameter: 0.405 in.

### Mechanical Characteristics (Overall)

Operating Temperature Range: -55°C To +80°C

Non-UL Temperature Rating: 80°C

Bulk Cable Weight: 78 lbs/1000 ft.

Max. Recommended Pulling Tension: 171 lbs.

Min. Bend Radius/Minor Axis: 4 in.

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

EU Directive 2011/65/EU (ROHS II): Yes

EU CE Mark: Yes

EU Directive 2000/53/EC (ELV): Yes

EU Directive 2002/95/EC (RoHS): Yes

EU RoHS Compliance Date (mm/dd/yyyy): 01/01/2004

EU Directive 2002/96/EC (WEEE): Yes

EU Directive 2003/11/EC (BFR): Yes

CA Prop 65 (CJ for Wire & Cable): Yes

MII Order #39 (China RoHS): Yes

RG Type: 11/U

#### Suitability

Suitability - Indoor: Yes

Suitability - Outdoor: Yes

**Plenum/Non-Plenum**

Plenum (Y/N): No

**Electrical Characteristics (Overall)**

**Nom. Characteristic Impedance:**

**Impedance (Ohm)**  
75

**Nom. Inductance:**

**Inductance (µH/ft)**  
.097

**Nom. Capacitance Conductor to Shield:**

**Capacitance (pF/ft)**  
16.1

**Nominal Velocity of Propagation:**

**VP (%)**  
84

**Nominal Delay:**

**Delay (ns/ft)**  
1.21

**Nom. Conductor DC Resistance:**

**DCR @ 20°C (Ohm/1000 ft)**  
2.6

**Nominal Outer Shield DC Resistance:**

**DCR @ 20°C (Ohm/1000 ft)**  
1.1

**Nom. Attenuation:**

Freq. (MHz)	Attenuation (dB/100 ft.)
1	.2
10	.4
50	.9
100	1.3
200	1.9
400	2.9
700	4.1
900	4.8
1000	5.2

**Max. Operating Voltage - Non-UL:**

**Voltage**  
300 V RMS

**Typical Structural Return Loss:**

Description	Freq. (MHz)	Start Freq. (MHz)	Stop Freq. (MHz)	Typical SRL (dB)
		5	450	23

**Notes (Overall)**

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

**Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
800000307	1 EA	0.331 LB			VB 1A-2-2-212/2 M
8213 0101000	1,000 FT	87.000 LB	BLACK	C	RG-11/U TYPE COAX
8213 0102000	2,000 FT	172.000 LB	BLACK	C	RG-11/U TYPE COAX
8213 010500	500 FT	44.000 LB	BLACK	C	RG-11/U TYPE COAX

Notes:  
C = CRATE REEL PUT-UP.

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Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 2014/35/EU).