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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. (mm)
1	14	Solid	BC - Bare Copper	1.6256

Total Number of Conductors: 1

### Insulation

#### Insulation Material:

Insulation Material	Dia. (mm)
Gas-injected FHDPE - Foam High Density Polyethylene	7.239

### 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: 10.287 mm

## Mechanical Characteristics (Overall)

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

Non-UL Temperature Rating: 80°C

Bulk Cable Weight: 116.080 Kg/Km

Max. Recommended Pulling Tension: 760.642 N

Min. Bend Radius/Minor Axis: 101.600 mm

## 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
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## Electrical Characteristics (Overall)

### Nom. Characteristic Impedance:

Impedance (Ohm)

75

### Nom. Inductance:

Inductance (µH/m)

0.318257

### Nom. Capacitance Conductor to Shield:

Capacitance (pF/m)

52.8241

### Nominal Velocity of Propagation:

VP (%)

84

### Nominal Delay:

Delay (ns/m)

3.97001

### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)

8.5306

### Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km)

3.6091

### Nom. Attenuation:

Freq. (MHz) Attenuation (dB/100m)

1	0.6562
10	1.3124
50	2.9529
100	4.2653
200	6.2339
400	9.5149
700	13.4521
900	15.7488
1000	17.0612

### 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
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## Notes (Overall)

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

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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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