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1-800-Belden1



## Description:

14 AWG solid .064" bare copper conductor, gas-injected foam HDPE insulation, Duofoil® + tinned copper braid shield (60% coverage), PVC jacket.

## Physical Characteristics (Overall)

### Conductor

#### AWG:

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

### Insulation

#### Insulation Material:

Insulation Material	Dia. (in.)
Gas-injected FHDPE - Foam High Density Polyethylene	.280

### Outer Shield

#### Outer Shield Material:

Layer #	Outer Shield Trade Name	Type	Outer Shield Material	Coverage (%)
1	Duofoil®	Tape	Aluminum Foil-Polyester Tape-Aluminum Foil	100
2		Braid	TC - Tinned Copper	60

### Outer Jacket

#### Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

### Overall Cable

Overall Nominal Diameter: 0.405 in.

## Mechanical Characteristics (Overall)

Operating Temperature Range: -40°C To +80°C

Non-UL Temperature Rating: 80°C

Bulk Cable Weight: 66 lbs/1000 ft.

Max. Recommended Pulling Tension: 98 lbs.

Min. Bend Radius (Install)/Minor Axis: 4.500 in.

## Applicable Specifications and Agency Compliance (Overall)

### Applicable Standards & Environmental Programs

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  
 Plenum Number: 89292

## 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)

1.2

### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

2.6

### Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

3

### Nom. Attenuation:

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

1	.2
10	.5
50	.9
100	1.3
200	1.6
400	2.3
700	3.3
900	4.0
1000	4.3

### 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.

## Related Documents:

No related documents are available for this product

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9292 0101000	1,000 FT	75.000 LB	BLACK	C	SERIES 11 75 OHM COAX.

**Notes:**

C = CRATE REEL PUT-UP.

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