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please call

1-800-Belden1



## General Description:

Series 11, 14 AWG solid .064" bare copper-covered steel conductor, gas-injected foam polyethylene insulation, Duobond® II + aluminum braid shield (60% coverage), PVC jacket.

## Physical Characteristics (Overall)

### Conductor

AWG:

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

Total Number of Conductors: 1

### Insulation

Insulation Material:

Insulation Material	Dia. (in.)
Gas-injected FPE - Foam Polyethylene	.280

### Outer Shield

Outer Shield Material:

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

### Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

### Overall Cable

Overall Nominal Diameter: 0.400 in.

## Mechanical Characteristics (Overall)

Operating Temperature Range: -30°C To +80°C

Non-UL Temperature Rating: 80°C

Bulk Cable Weight: 54 lbs/1000 ft.

Max. Recommended Pulling Tension: 260 lbs.

Min. Bend Radius/Minor Axis: 4 in.

## Applicable Specifications and Agency Compliance (Overall)

### Applicable Standards & Environmental Programs

NEC/(UL) Specification: CATVR, CMR

CEC/C(UL) Specification: CMR

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

Series Type: Series 11

**Flame Test**

UL Flame Test:	UL1666 Vertical Riser
CSA Flame Test:	FT4

**Plenum/Non-Plenum**

Plenum (Y/N):	No
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**Electrical Characteristics (Overall)**

**Nom. Characteristic Impedance:**

<b>Impedance (Ohm)</b>
75

**Nom. Inductance:**

<b>Inductance (µH/ft)</b>
.097

**Nom. Capacitance Conductor to Shield:**

<b>Capacitance (pF/ft)</b>
16.2

**Nominal Velocity of Propagation:**

<b>VP (%)</b>
83

**Nominal Delay:**

<b>Delay (ns/ft)</b>
1.2

**Nom. Conductor DC Resistance:**

<b>DCR @ 20°C (Ohm/1000 ft)</b>
11.0

**Nominal Outer Shield DC Resistance:**

<b>DCR @ 20°C (Ohm/1000 ft)</b>
4.1

**Max. Attenuation:**

Freq. (MHz)	Attenuation (dB/100 ft.)
5	0.38
55	0.97
211	1.81
270	2.05
300	2.15
350	2.32
400	2.47
450	2.65
550	2.94
750	3.50
870	3.84
1000	4.23

**Max. Operating Voltage - UL:**

<b>Voltage</b>
300 V RMS

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

<b>Voltage</b>
300 V RMS

**Minimum Structural Return Loss:**

Description	Freq. (MHz)	Start Freq. (MHz)	Stop Freq. (MHz)	Min. SRL (dB)
		5	1000	20

**Notes (Overall)**

Notes: Sweep tested 5 MHz to 1 GHz.

**Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1523R 0101000	1,000 FT	68.000 LB	BLACK		#14 GIFHDLDP SH PVC
1523R 010500	500 FT	35.000 LB	BLACK		#14 GIFHDLDP SH PVC

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