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1-800-Belden1



## General Description:

Low noise, RG-174/U Type, 26 AWG stranded (7x34) .019" bare copper-covered steel conductor, polyethylene insulation, conductive layer, TC braid shield (90% coverage), PVC jacket.

## Physical Characteristics (Overall)

### Conductor

AWG:

# Coax	AWG	Stranding	Conductor Material	Dia. (mm)
1	26	7x34	BCCS - Bare Copper Covered Steel	0.4826

Total Number of Conductors: 1

### Insulation

Insulation Material:

Layer #	Insulation Material	Dia. (mm)
1	PE - Polyethylene	1.1176
2	Conductive PVC - Polyvinyl Chloride	1.4224

### Outer Shield

Outer Shield Material:

Type	Outer Shield Material	Coverage (%)
Braid	TC - Tinned Copper	90

### Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

### Overall Cable

Overall Nominal Diameter: 2.565 mm

## Mechanical Characteristics (Overall)

Operating Temperature Range: -40°C To +60°C

Non-UL Temperature Rating: 60°C

Bulk Cable Weight: 10.417 Kg/Km

Max. Recommended Pulling Tension: 64.054 N

Min. Bend Radius/Minor Axis: 25.400 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:	174/U

**Plenum/Non-Plenum**

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

**Nom. Characteristic Impedance:**

Impedance (Ohm)
50

**Nom. Capacitance Conductor to Shield:**

Capacitance (pF/m)
124.678

**Nominal Velocity of Propagation:**

VP (%)
62

**Nom. Conductor DC Resistance:**

DCR @ 20°C (Ohm/km)
318.257

**Nominal Outer Shield DC Resistance:**

DCR @ 20°C (Ohm/km)
45.934

<b>Other Electrical Characteristic 1:</b>	NBS Low Noise Test (Modified), MIL-C-17 Paragraph 4.8.14, 8 mV Peak to Peak Max
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<b>Max. Noise Level (Peak to Peak):</b>	5 mV
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**Notes (Overall)**

**Notes:** Not recommended for RF use.

**Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9239 010100	30 MT	0.454 KG	BLACK		#26AWG LOW NOISE COAX
9239 0101000	305 MT	3.629 KG	BLACK		#26 AWG LOW NOISE COAX
9239 010500	152 MT	2.041 KG	BLACK		#26AWG LOW NOISE COAX

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