



Product: [9239](#)

Audio Coax, Low Noise, RG-174, 26 AWG Str BCCS, 90% TC Brd, PVC Jkt



Product Description

Audio Coax, Low Noise, RG-174, 26 AWG (7x34) Bare Copper Covered Steel Conductor, PE Insulation, PE Conductive Layer, 90% Tinned Copper Braid Shield, PVC Jacket

Technical Specifications

Product Overview

Suitable Applications:	Low noise microphone, Analog audio, Instrumentation
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Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	Nominal Diameter	No. of Coax
26	7x34	BCCS - Bare Copper Covered Steel	0.0063 in	1

Conductor Count:	1
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Insulation

Layer	Material	Nominal Diameter
1	PE - Polyethylene	0.044 in
2	PE - Polyethylene (Conductive)	0.056 in

Color Chart

Color
White

Outer Shield

Type	Layer	Material	Coverage [%]
Braid	1	Tinned Copper (TC)	90%

Outer Jacket

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.101 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR	Nominal Conductor DCR Conductor Resistance	Nominal Outer Shield DCR	Outer Conductor DCR
89.6 Ohm/1000ft	97 Ohm/1000ft	14 Ohm/1000ft	11.7 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Shield
44 pF/ft

Delay

Nominal Velocity of Propagation (VP) [%]
57%

Voltage

Voltage Rating [V]

300 V RMS

Electrical Characteristics Notes: NBS Low Noise Test (Modified), MIL-DTL-17J Paragraph 4.8.14, 8 mV Peak to Peak Max

Temperature Range

Non-UL Temp Rating: 60°C

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

Mechanical Characteristics

Bulk Cable Weight: 7 lbs/1000ft

Max. Pull Tension: 43 lbs

Min. Bend Radius During Installation: 1.00 in

Min. Bend Radius/Minor Axis: 1 in

Standards

CPR Euroclass: Eca

RG Type: 174

Applicable Environmental and Other Programs

Environmental Space: Indoor (Not Riser or Plenum)

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

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

EU Directive 2011/65/EU (RoHS 2): Yes

EU Directive 2012/19/EU (WEEE): Yes

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

EU CE Mark: Yes

MII Order #39 (China RoHS): Yes

Suitability

Suitability - Aerial: No

Suitability - Burial: No

Suitability - Hazardous Locations: No

Suitability - Indoor: Yes

Suitability - Outdoor: No

Suitability - Sunlight Resistance: No

Flammability, LS0H, Toxicity Testing

IEC Flammability: IEC 60332-1-2

Plenum/Non-Plenum

Plenum (Y/N): No

Related Part Numbers

Variants

Item #	Color	Put-Up Type	Length	UPC
9239 010100	Black	Reel	100 ft	612825358824
9239 010500	Black	Reel	500 ft	612825358855
9239 0101000	Black	Reel	1,000 ft	612825357728

Product Notes

Notes: Not recommended for RF use. Low noise audio applications.

History

Update and Revision: Revision Number: 0.251 Revision Date: 01-27-2023

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