



## 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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#### Construction Details

RG Type:	174
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##### Conductor

No. of Elements	Size	Stranding	Nom. Diameter	Material
1	26 AWG	7x34	0.006 in	BCCS - Bare Copper Covered Steel

##### Insulation

Material	Nom. Insulation Diameter	Color Code
PE - Polyethylene	0.044 in (1.1 mm)	Clear, Black
PVC - Polyvinyl Chloride (Conductive)	0.056 in (1.4 mm)	

##### Outer Shield

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

##### Outer Jacket

Material	Nom. Diameter
PVC - Polyvinyl Chloride	0.101 in (2.57 mm)

Overall Cable Diameter (Nominal): 0.101 in (2.57 mm)

### Electrical Characteristics

#### Electricals

Nom. Conductor DCR	Nom. Outer Shield DCR	Nom. Capacitance Cond-to-Shield	Nom. Velocity of Prop.
89.6 Ohm/1000ft	14 Ohm/1000ft (46 Ohm/km)	44 pF/ft (140 pF/m)	57%

#### Voltage

Voltage Rating
1100 V

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

### Mechanical Characteristics

#### Temperature

Operating
-40°C To +60°C

## Bend Radius

Stationary Min.	Installation Min.
1.01 in (25.7 mm)	1.01 in (25.7 mm)

  

Max. Pull Tension:	43 lbs (20 kg)
Bulk Cable Weight:	7 lbs/1000ft

## Standards and Compliance

Environmental Suitability:	Indoor (Not Riser or Plenum), Indoor
Flammability / Reaction to Fire:	IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca; CPR UKCA Class: Eca
European Directive Compliance:	EU CE Mark, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
UK Regulation Compliance:	UKCA Mark
APAC Compliance:	China RoHS II (GB/T 26572-2011)

## Product Notes

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

Update and Revision:	Revision Number: 0.257 Revision Date: 04-04-2024
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## Part Numbers

### Variants

Item #	Color	Putup 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

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