BELDEN
SENDING ALL THE RIGHT SIGNALS

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, PVC Conductive Layer, 90% Tinned Copper Braid Shield, PVC Jacket

Technical Specifications

Product Overview

Suitable Applications:	Low noise microphone, Analog audio, Instrumentation

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	Nominal Diameter	No. of Coax
26	7x34	BCCS - Bare Copper Covered Steel	0.019 in	1

Conductor Count:	1

Insulation

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

Outer Shield

Type	Material	Coverage [%]
Braid	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 Temp Range:	-40°C To +60°C

Mechanical Characteristics

Bulk Cable Weight:	7.6 lbs/1000ft
Max. Pull Tension:	14.4 lbs
Min. Bend Radius/Minor Axis:	1 in

Standards

CPR Euroclass:	Eca

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

Part Number

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: 0.240 Revision Date: 12-15-2021

© 2022 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for Coaxial Cables ***category:***

Click to view products by Belden ***manufacturer:***

Other Similar products are found below :

89880-003-1000 CY2389-000 8221-010-U1000 9116-010-U500 1322R-010-1000 1807A-B59-U1000 2020K8421-9X-CS3417 9251-010-1000 9275-010-U1000 935240-000 980704-001 CF2823-000 33312-010-500 CZ1589-000 5022W0809-0CS3263 10610-4-4 EF8108-000 1673B TIN100 672525-001 144517-000 735A1-008-1000 134655-000 8212-010-U500 480414-000 7915A 009U1000 5024A1311-0 1281S5 010250 1530A 010U1000 9248 010U1000 7809WB 010500 9244 0101000 1694A 0081000 1190A 0101000 8241F J5C1000 1674A TIN50 7915A 0091000 TRCH-50-2 9066 0031000 7805R 008100 1674A TIN100 9116SB 0101000 9271 0061000 1613A 0101000 1807A B591000 5339Q5 009U500 539945 0091000 9116R 0101000 89207 010100 9058 0101000 8241A 0101000