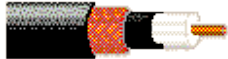


For more Information
please call

1-800-Belden1



Description:

Low Noise, RG-59/U type, 22 AWG solid .025" bare copper-covered steel conductor, polyethylene insulation, conductive layer, bare copper braid shield (93% coverage), PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Coax	AWG	Stranding	Conductor Material	Dia. (mm)
1	22	Solid	BCCS - Bare Copper Covered Steel	0.635

Insulation

Insulation Material:

Layer #	Insulation Material	Dia. (mm)
1	PE - Polyethylene	3.708
2	CPVC - Conductive PVC	3.912

Outer Shield

Outer Shield Material:

Type	Outer Shield Material	Coverage (%)
Braid	BC - Bare Copper	93

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

Overall Cabling

Overall Nominal Diameter: 6.147 mm

Mechanical Characteristics (Overall)

Operating Temperature Range: -40°C To +75°C

Non-UL Temperature Rating: 75°C

Bulk Cable Weight: 53.575 Kg/Km

Max. Recommended Pulling Tension: 355.856 N

Min. Bend Radius (Install)/Minor Axis: 76.200 mm

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

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: 59/U

Flame Test

UL Flame Test: UL1685 UL Loading, VW-1

Plenum/Non-Plenum

Plenum (Y/N): No

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Impedance (Ohm)
 75

Nom. Inductance:

Inductance (µH/m)
 0.406844

Nom. Capacitance Conductor to Shield:

Capacitance (pF/m)
 72.182

Nominal Velocity of Propagation:

VP (%)
 65

Nominal Delay:

Delay (ns/m)
 5.11836

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
 177.174

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km)
 8.2025

Other Electrical Characteristic 1: NBS Low Noise Test (Modified) MIL-C-17 Paragraph 4.8.14, 5 mV Peak to Peak Max

Max. Noise Level (Peak to Peak): 5 mV

Notes (Overall)

Notes: Not recommended for RF use. Nom. Voltage Breakdown Conductor to Shield: 30 kV RMS. Nom. Voltage Breakdown Jacket (Shield to Water): 30 kV RMS.

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9224 010U500	152 MT	8.845 KG	BLACK		#22AWG LOW NOISE COAX
9224 0101000	305 MT	17.690 KG	BLACK		#22AWG LOW NOISE COAX

Revision Number: 1 Revision Date: 06-03-2008

© 2010 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 herein 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 "AS IS" 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 EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the

9224 Coax - Low Noise

compliance date may be in stock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure 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. This 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. Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.