Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



9269 Coax - 93 Ohms

For more Information please call

1-800-Belden1



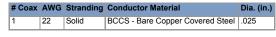
General Description:

22 AWG solid .025" bare copper-covered steel conductor, semi-solid polyethylene insulation, bare copper braid shield (95% coverage), PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:



Total Number of Conductors:

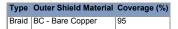
Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)	Dia. (in.)
Semi-Solid PE - Semi-Solid Polyethylene	0.026	0.146

Outer Shield

Outer Shield Material:



Outer Jacket

Outer Jacket Material:

Outer Jacket Material Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride | 0.032

Overall Cable

Overall Nominal Diameter: 0.239 in.

Mechanical Characteristics (Overall)

Operating Temperature Range:	-40°C To +80°C		
UL Temperature Rating:	60°C (UL AWM Style 1478)		
Bulk Cable Weight:	36 lbs/1000 ft.		
Max. Recommended Pulling Tension:	84 lbs.		
Min. Bend Radius/Minor Axis:	2.500 in.		

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CL2, CM		
CEC/C(UL) Specification:	CM		
AWM Specification:	UL Style 1478 (30 V 60°C)		
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		
PMSHA Specification:	SC-182/3		

Page 1 of 3 05-02-2016

Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



9269 Coax - 93 Ohms

Customer Part Number Reference Specification:	IBM P/N 323921
RG Type:	62A/U
Flame Test	
UL Flame Test:	UL1685 UL Loading
Plenum/Non-Plenum	
Plenum (Y/N):	No
Plenum Number:	89269, 87269, 82269

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Impedance (Ohm) 93

Nom. Inductance:

Inductance (µH/ft) 0.116

Nom. Capacitance Conductor to Shield:

Capacitance (pF/ft) 13.5

Nominal Velocity of Propagation:

VP (%) 84

Nominal Delay:



Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 41.2

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 2.9

Nom. Attenuation:

Freq. (MHz)	Attenuation (dB/100 ft.)
1	0.3
10	0.9
50	1.9
100	2.7
200	3.8
400	5.3
700	7.3
900	8.2
1000	8.7

Max. Operating Voltage - UL:

Voltage	Description
300 V RMS	СМ
150 V RMS	CL2
30 V RMS	AWM Style 1478

Max. Operating Voltage - Non-UL:

Voltage 750 V RMS

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9269 A8RU1000	1,000 FT	36.000 LB	BEIGE, SNOW		RG-62A/U TYPE COAX
9269 003U1000	1,000 FT	36.000 LB	ORANGE		RG-62A/U TYPE COAX
9269 010U1000	1,000 FT	36.000 LB	BLACK		RG-62A/U TYPE COAX
9269 010U500	500 FT	18.500 LB	BLACK		RG-62A/U TYPE COAX 306 2.09
9269 0101000	1,000 FT	38.000 LB	BLACK		RG-62A/U TYPE COAX
9269 0101640	1,640 FT	60.680 LB	BLACK	С	RG-62A/U TYPE COAX
9269 0102000	2,000 FT	76.000 LB	BLACK	С	RG-62A/U TYPE COAX
9269 0103280	3,280 FT	121.360 LB	BLACK	С	RG-62A/U TYPE COAX
9269 010500	500 FT	19.000 LB	BLACK	С	RG-62A/U TYPE COAX
9269 0105000	5,000 FT	185.000 LB	BLACK	С	RG-62A/U TYPE COAX

Page 2 of 3 05-02-2016

Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



9269 Coax - 93 Ohms

9269 060U1000	1,000 FT	36.000 LB	CHROME	RG-62A/U TYPE COAX

Notes

C = CRATE REEL PUT-UP.

Revision Number: 2 Revision Date: 08-16-2012

© 2016 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 compliance date may be in stock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its bublication. 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.

Page 3 of 3