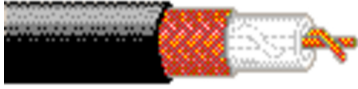


**Part Number: 9269**



93Ω Coax RG-62A/U Type, #22 BCCS, Semi-solid PO, BC Braid, PVC Jkt, CM

**Product Description**

93 Ohm Coax RG-62A/U Type, IBM p/n 323921, 22 AWG solid .025" bare copper-covered steel conductor, semi-solid polyethylene insulation, bare copper braid shield (95% coverage), PVC jacket.

**Technical Specifications**

**Physical Characteristics (Overall)**

**Conductor**

AWG	Stranding	Material	Nominal Diameter	No. of Coax
22	Solid	BCCS - Bare Copper Covered Steel	0.025 in	1
Conductor Count:			1	
Conductor Size:			22 AWG	

**Insulation**

Material	Nominal Diameter	Nominal Wall Thickness
Semi-Solid PE - Semi-Solid Polyethylene	0.146 in	0.026 in

**Outer Shield Material**

Type	Material	Coverage [%]
Braid	BC - Bare Copper	95 %

**Outer Jacket Material**

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.239 in	0.032 in

**Electrical Characteristics**

**Conductor DCR**

Nominal Conductor DCR	Nominal Outer Shield DCR	Outer Conductor DCR
41.2 Ohm/1000ft	2.9 Ohm/1000ft	2.9 Ohm/1000ft

**Capacitance**

Nom. Capacitance Conductor to Shield
13.5 pF/ft

**Inductance**

Nominal Inductance
0.116 μH/ft

**Impedance**

Nominal Characteristic Impedance
93 Ohm

**High Frequency (Nominal/Typical)**

Frequency [MHz]	Nom. Insertion Loss
1 MHz	0.3 dB/100ft

10 MHz	0.9 dB/100ft
50 MHz	1.9 dB/100ft
100 MHz	2.7 dB/100ft
200 MHz	3.8 dB/100ft
400 MHz	5.3 dB/100ft
700 MHz	7.3 dB/100ft
900 MHz	8.2 dB/100ft
1000 MHz	8.7 dB/100ft

#### Delay

Max. Delay Skew	Nominal Delay	Nominal Velocity of Propagation (VP) [%]
84 ns/100m	1.21 ns/ft	84 %

#### High Freq

Frequency [MHz]	Max. Insertion Loss (Attenuation)
400 MHz	8 dB/100ft

#### Voltage

Non-UL Voltage Rating	UL Description	UL Voltage Rating
750 V RMS	CM	(CM): 300 V RMS
	CL2	150 V RMS
	AWM Style 1478	30 V RMS

Electrical Characteristics Notes:	(CL2): 150 V RMS
Other Electrical Characteristic 2:	(AWM 1478): 30 V RMS

#### Temperature Range

UL Temp Rating:	60°C
Operating Temp Range:	-40°C To +80°C

#### Mechanical Characteristics

Bulk Cable Weight:	36 lbs/1000ft
Max Recommended Pulling Tension:	84 lbs
Min Bend Radius/Minor Axis:	2.5 in

#### Standards

Customer Part Number Reference Spec:	IBM P/N 323921
NEC/(UL) Specification:	CL2, CM
CEC/C(UL) Specification:	CM
UL AWM Style:	1478 (30 V 60°C)
CPR Euroclass:	Eca
PMSHA Specification:	SC-182/3
RG Type:	62A/U Type

#### Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2004-01-01
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

#### Suitability

Suitability - Indoor:	Yes
-----------------------	-----

#### Flammability, LSOH, Toxicity Testing

UL Flammability:	UL1685 UL Loading
------------------	-------------------

UL voltage rating:	300 V RMS (CM)
--------------------	----------------

## Plenum/Non-Plenum

Plenum (Y/N):	No
Plenum Number:	89269, 87269, 82269

## Part Number

### Variants

Item #	Color	Footnote
9269 A8RU1000	Beige	
9269 0101000	Black	
9269 0101640	Black	C
9269 0102000	Black	C
9269 0103280	Black	C
9269 010500	Black	C
9269 0105000	Black	C
9269 010U1000	Black	
9269 010U500	Black	
9269 060U1000	Chrome	
9269 003U1000	Orange	

Footnote:	C - CRATE REEL PUT-UP.
-----------	------------------------

© 2018 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.