

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:

# Coax	AWG	Stranding	Conductor Material	Dia. (in.)
1	22	Solid	BCCS - Bare Copper Covered Steel	.025

Total Number of Conductors: 1

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:

Type	Outer Shield Material	Coverage (%)
Braid	BC - Bare Copper	95

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

Detailed Specifications & Technical Data



ENGLISH MEASUREMENT VERSION

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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:

Delay (ns/ft)

1.21

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	CM
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	C	RG-62A/U TYPE COAX
9269 0102000	2,000 FT	76.000 LB	BLACK	C	RG-62A/U TYPE COAX
9269 0103280	3,280 FT	121.360 LB	BLACK	C	RG-62A/U TYPE COAX
9269 010500	500 FT	19.000 LB	BLACK	C	RG-62A/U TYPE COAX
9269 0105000	5,000 FT	185.000 LB	BLACK	C	RG-62A/U TYPE COAX

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

C = CRATE REEL PUT-UP.

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