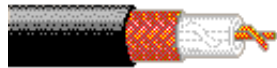


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**9269**



**Coax - 93 Ohms**

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

**For more Information  
Please call**

**1-800-Belden1**



[Click here for Certificate](#)

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

**Notes:**

C = CRATE REEL PUT-UP.

## 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

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 ( $\mu$ H/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

Close

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

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