

9268 Coax - 93 Ohm

For more Information  
please call

1-800-Belden1



## General Description:

93 ohm, RG-62A/U type, 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 Shield Separator Material: Polyester Tape

### Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	0.041

### Overall Cable

Overall Nominal Diameter: 0.260 in.

## Mechanical Characteristics (Overall)

Operating Temperature Range:	-40°C To +80°C
UL Temperature Rating:	60°C (UL AWM Style 1478)
Bulk Cable Weight:	40 lbs/1000 ft.
Max. Recommended Pulling Tension:	84 lbs.
Min. Bend Radius/Minor Axis:	2.750 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:	No
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
Customer Part Number Reference Specification:	IBM P/N 5252750
RG Type:	62A/U

### Flame Test

UL Flame Test:	UL1685 UL Loading
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### Plenum/Non-Plenum

Plenum (Y/N):	No
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## 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
30 V RMS	UL AWM Style 1478
150 V RMS	CL2

**Max. Operating Voltage - Non-UL:**

<b>Voltage</b>
750 V RMS

**Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9268 010U1000	1,000 FT	42.000 LB	BLACK		RG-62A/U TYPE COAX
9268 0101000	1,000 FT	44.000 LB	BLACK	C	RG-62A/U TYPE COAX
9268 010500	500 FT	22.000 LB	BLACK	C	RG-62A/U TYPE COAX

**Notes:**

C = CRATE REEL PUT-UP.

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