

9228 Coax - 93 Ohm

For more Information  
please call

1-800-Belden1



## 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), high-density polyethylene jacket.

## Physical Characteristics (Overall)

### Conductor

AWG:

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

### Insulation

Insulation Material:

Insulation Material	Dia. (in.)
Semi-Solid PE - Semi-Solid Polyethylene	.146

### Tracer

Tracer AWG: Solid

### Outer Shield

Outer Shield Material:

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

Outer Shield Flooding Grease: Polyethylene

### Outer Jacket

Outer Jacket Material:

Outer Jacket Material
HDPE - High Density Polyethylene

### Overall Cable

Overall Nominal Diameter: 0.242 in.

## Mechanical Characteristics (Overall)

Operating Temperature Range: -55°C To +80°C

Non-UL Temperature Rating: 80°C

Bulk Cable Weight: 33 lbs/1000 ft.

Max. Recommended Pulling Tension: 84 lbs.

Min. Bend Radius (Install)/Minor Axis: 2.500 in.

## Applicable Specifications and Agency Compliance (Overall)

### Applicable Standards & Environmental Programs

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

RG Type: 62/U

### Suitability

Suitability - Outdoor: Yes

Suitability - Burial: Yes

### Plenum/Non-Plenum

Plenum (Y/N): No

## 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)

1.2

### 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 - Non-UL:

Voltage

300 V RMS

## Related Documents:

No related documents are available for this product

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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9228 0101000	1,000 FT	33.000 LB	BLACK	C	RG-62A/U TYPE COAX
9228 0102000	2,000 FT	68.000 LB	BLACK	C	RG-62A/U TYPE COAX
9228 010500	500 FT	15.000 LB	BLACK	C	RG-62A/U TYPE COAX
9228 0105000	5,000 FT	170.000 LB	BLACK	C	RG-62A/U TYPE COAX

**Notes:**

C = CRATE REEL PUT-UP.

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