

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
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CA Prop 65 (CJ for Wire & Cable):	Yes
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MII Order #39 (China RoHS):	Yes
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RG Type:	62/U
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Suitability

Suitability - Outdoor:	Yes
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Suitability - Burial:	Yes
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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)

1.2

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.)
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1	0.3
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10	0.9
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50	1.9
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100	2.7
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200	3.8
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400	5.3
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700	7.3
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900	8.2
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1000	8.7
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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.

Revision Number: 2 Revision Date: 10-26-2010

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