

## 9228 Coax - 93 Ohm

		<p>For more information please call <b>1-800-Belden1</b></p> <p><u>See Put-ups and Colors</u></p>
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### 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:

#### CONDUCTOR:

Number of Coax	1
Total Number of Conductors	1
RG Type	62/U
AWG	22
Stranding	Solid
Conductor Diameter	.025 in.
Conductor Material	BCCS - Bare Copper Covered Steel

#### INSULATION:

Insulation Material	Semi-Solid PE - Semi-Solid Polyethylene
Insulation Diameter	.146 in.

#### OUTER SHIELD:

Outer Shield Type	Braid
Outer Shield Material	BC - Bare Copper
Outer Shield % Coverage	95 %
Outer Shield Flooding Grease	Polyethylene

#### OUTER JACKET:

Outer Jacket Material	HDPE - High Density Polyethylene
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#### TRACER:

Tracer AWG	Solid
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#### OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.242 in.
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#### MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-55°C To +80°C
Non-UL Temperature Rating	80°C
Bulk Cable Weight	33 lbs/1000 ft.

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Max. Recommended Pulling Tension	84 lbs.
Min. Bend Radius (Install)	2.5 in.

### APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

#### APPLICABLE STANDARDS:

EU CE Mark (Y/N)	Yes
EU RoHS Compliant (Y/N)	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2004

#### SUITABILITY:

Suitability - Outdoor	Yes
Suitability - Burial	Yes

#### PLENUM/NON-PLENUM:

Plenum (Y/N)	N
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#### ELECTRICAL CHARACTERISTICS:

Nom. Characteristic Impedance	93 Ohms
Nom. Inductance	0.116 $\mu$ H/ft
Nom. Capacitance Conductor to Shield	13.5 pF/ft
Nominal Velocity of Propagation	84 %
Nominal Delay	1.2 ns/ft
Nom. Conductor DC Resistance @ 20 Deg. C	41.2 Ohms/1000 ft
Nominal Outer Shield DC Resistance @ 20 Deg.C	2.9 Ohms/1000 ft

#### Nom. Attenuation :

Description	Frequency (MHz)	Start Frequency (MHz)	Stop Frequency (MHz)	Nom. 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	300 V RMS
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#### PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
9228 0101000	RG-62A/U TYPE COAX	1000	33	BLACK	C
9228 0102000	RG-62A/U TYPE COAX	2000	68	BLACK	C

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9228 010500	RG-62A/U TYPE COAX	500	15	BLACK	C
9228 0105000	RG-62A/U TYPE COAX	5000	170	BLACK	C

C = CRATE REEL PUT-UP.

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