

9228 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), 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 |

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 |

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 | Nom. Wall Thickness (in.) |
|----------------------------------|---------------------------|
| HDPE - High Density Polyethylene | 0.033 |

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: 30 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

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

RG Type: 62A/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

Put Ups and Colors:

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|--------------|----------|-------------|-------|-------|--------------------|
| 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 0105000 | 500 FT | 16.500 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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Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.



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- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

Телефон: 8 (812) 309 58 32 (многоканальный)

Факс: 8 (812) 320-02-42

Электронная почта: org@eplast1.ru

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.