



**Product:** [9228](#) 

93Ω RG-62A/U Type, #22 Sol BCCS, Semi-solid PE, BC Braid, HDPE Jkt, Burial

## Product Description

Coax 93Ω RG-62A/U Type, 22 AWG solid bare copper-covered steel, semi-solid polyethylene insulation, bare copper braid shield (95% coverage), high-density polyethylene jacket, Burial

## Technical Specifications

### Product Overview

|                        |                           |
|------------------------|---------------------------|
| Suitable Applications: | Computer, Instrumentation |
|------------------------|---------------------------|

### Construction Details

|          |    |
|----------|----|
| RG Type: | 62 |
|----------|----|

#### Conductor

| Size   | Stranding | Nom. Diameter | Material                         |
|--------|-----------|---------------|----------------------------------|
| 22 AWG | Solid     | 0.025 in      | BCCS - Bare Copper Covered Steel |

#### Insulation

| Material                       | Nom. Insulation Diameter | Color Code | Notes  |
|--------------------------------|--------------------------|------------|--|
| PE - Polyethylene (Semi-Solid) | 0.146 in (3.71 mm)       | White      | Solid PE monofilament spiral around conductor. Solid PE tube over monofilament |

#### Outer Shield

| Layer | Outer Shield Type | Material         | Coverage |
|-------|-------------------|------------------|----------|
| 1     | Braid             | Bare Copper (BC) | 95%      |

#### Outer Jacket

| Material          | Nom. Diameter      |
|-------------------|--------------------|
| PE - Polyethylene | 0.242 in (6.15 mm) |

|                                   |                              |
|-----------------------------------|------------------------------|
| Outer Jacket1 Table Notes:        | Flooding grease under jacket |
| Overall Cable Diameter (Nominal): | 0.242 in (6.15 mm)           |

### Electrical Characteristics

#### Attenuation

| Frequency | Nom. Attenuation |
|-----------|------------------|
| 1 MHz     | 0.25 dB/100ft    |
| 10 MHz    | 0.85 dB/100ft    |
| 50 MHz    | 1.90 dB/100ft    |
| 100 MHz   | 2.70 dB/100ft    |
| 200 MHz   | 3.80 dB/100ft    |
| 400 MHz   | 5.30 dB/100ft    |
| 700 MHz   | 7.30 dB/100ft    |
| 900 MHz   | 8.20 dB/100ft    |
| 1000 MHz  | 8.70 dB/100ft    |

#### Electricals

| Nom. Conductor DCR | Nom. Outer Shield DCR       | Nom. Capacitance Cond-to-Shield | Nom. Characteristic Impedance | Nom. Velocity of Prop. |
|--------------------|-----------------------------|---------------------------------|-------------------------------|------------------------|
| 41.2 Ohm/1000ft    | 2.9 Ohm/1000ft (9.5 Ohm/km) | 13.5 pF/ft (44.3 pF/m)          | 93 Ohm                        | 84%                    |

Voltage

| Voltage Rating |
|----------------|
| 300 V          |

Mechanical Characteristics

Temperature

| Operating      |
|----------------|
| -55°C to +80°C |

Bend Radius

| Installation Min. |
|-------------------|
| 2.4 in (61 mm)    |

|                    |                |
|--------------------|----------------|
| Max. Pull Tension: | 88 lbs (40 kg) |
| Bulk Cable Weight: | 30 lbs/1000ft  |

Standards and Compliance

|                                |  |
|--------------------------------|--|
| Environmental Suitability:     | Outdoor - Aerial, Sunlight Resistance - Black only, Aerial - When supported by messenger wire                                    |
| Sustainability:                | CA Prop 65   |
| European Directive Compliance: | EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), REACH, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE) |
| APAC Compliance:               | China RoHS II (GB/T 26572-2011)  |

History

|                      |  |
|----------------------|--|
| Update and Revision: | Revision Number: 0.474 Revision Date: 09-07-2025 |
|----------------------|--|

Part Numbers

Variants

| Item #       | Color | Putup Type | Length   | UPC          | Footnote |
|--------------|-------|------------|----------|--------------|----------|
| 9228 010500  | Black | Reel       | 500 ft   | 612825225539 | C        |
| 9228 0101000 | Black | Reel       | 1,000 ft | 612825225515 | C        |
| 9228 0102000 | Black | Reel       | 2,000 ft | 612825225522 | C        |
| 9228 0105000 | Black | Reel       | 5,000 ft | 612825225546 | C        |

|           |                        |
|-----------|------------------------|
| Footnote: | C - CRATE REEL PUT-UP. |
|-----------|------------------------|

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