



**Part Number:** 9292

Analog Video, RG11, #14 Solid BC, Foil + 60% TC Braid, PVC Jacket

## Product Description

14 AWG solid .064" bare copper conductor, gas-injected foam HDPE insulation, Duofoil®; tinned copper braid shield (60% coverage), PVC jacket.

## Technical Specifications

### Construction and Dimensions

#### Conductor:

| AWG                         | Stranding | Material         | Nominal Diameter | No. of Coax |
|-----------------------------|-----------|------------------|------------------|-------------|
| 14                          | Solid     | BC - Bare Copper | 0.064 in         | 1           |
| Total Number of Conductors: |           |                  | 1                |             |

#### Insulation:

| Material  | Nominal Diameter |
|---|------------------|
| Gas-injected FHDPE - Foam High Density Polyethylene | 0.28 in          |

#### Outershield 1:

| Type  | Layer | Material                                   | Material Trade Name | Coverage [%] |
|-------|-------|--|---------------------|--------------|
| Tape  | 1     | Aluminum Foil-Polyester Tape-Aluminum Foil | Duofoil®            | 100 %        |
| Braid | 2     | TC - Tinned Copper                         |                     | 60 %         |

#### Outerjacket 1:

| Material                 | Nominal Diameter |
|--------------------------|------------------|
| PVC - Polyvinyl Chloride | 0.405 in         |

### Electrical Characteristics

#### Conductor DCR:

| Nominal Conductor DCR | Nominal Outer Shield DCR |
|-----------------------|--------------------------|
| 2.6 Ohm/1000ft        | 3 Ohm/1000ft             |

Capacitance:

| Nom. Capacitance Conductor to Shield |
|--------------------------------------|
| 16.1 pF/ft                           |

Impedance:

| Nominal Characteristic Impedance |
|----------------------------------|
| 75 Ohm                           |

High Frequency (Nominal/Typical):

| Frequency [MHz] | Nom. Insertion Loss | Nom. Structural Return Loss (SRL) |
|-----------------|---------------------|-----------------------------------|
| 1 MHz           | 0.2 dB/100ft        | 23 dB                             |
| 10 MHz          | 0.5 dB/100ft        |                                   |
| 50 MHz          | 0.9 dB/100ft        |                                   |
| 100 MHz         | 1.3 dB/100ft        |                                   |
| 200 MHz         | 1.6 dB/100ft        |                                   |
| 400 MHz         | 2.3 dB/100ft        |                                   |
| 700 MHz         | 3.3 dB/100ft        |                                   |
| 900 MHz         | 4 dB/100ft          |                                   |
| 1000 MHz        | 4.3 dB/100ft        |                                   |

Delay:

| Nominal Delay | Nominal Velocity of Propagation (VP) [%] |
|---------------|--|
| 1.2 ns/ft     | 84 %                                     |

Inductance:

| Nominal Inductance |
|--------------------|
| 0.097 µH/ft        |

Voltage:

| Non-UL Voltage Rating |
|-----------------------|
| 300V RMS              |

Use

|                                  |        |
|----------------------------------|--------|
| Suitability - Indoor:            | Yes    |
| Suitability - Outdoor:           | Yes    |
| Max Recommended Pulling Tension: | 98 lbs |

Temperature Range

|                       |                   |
|-----------------------|-------------------|
| Non-UL Temp Rating:   | 80°C °C           |
| Operating Temp Range: | -40°C To +80°C °C |

Mechanical Characteristics

|                             |      |
|-----------------------------|------|
| Min Bend Radius/Minor Axis: | 4 in |
|-----------------------------|------|

Part Number

|                |       |
|----------------|-------|
| Plenum (Y/N):  | No    |
| Plenum Number: | 89292 |

Standards

|                                   |                               |
|-----------------------------------|-------------------------------|
| CA Prop 65 (CJ for Wire & Cable): | Yes                           |
| MII Order #39 (China RoHS):       | Yes                           |
| RG Type:                          | 11/U                          |
| EU Directive Compliance:          | EU Directive 2003/11/EC (BFR) |
| EU CE Mark:                       | Yes                           |

History

|        |                                     |
|--------|-------------------------------------|
| Notes: | 100% Sweep tested 5 MHz to 450 MHz. |
|--------|-------------------------------------|

Product Variants

| Part Number  | Color | Put-Up Type | Length  |
|--------------|-------|-------------|---------|
| 9292         | BLACK | Reel        | 1000 ft |
| 9292         | BLACK | Reel        | 305 m   |
| 9292 0101000 | BLACK | Reel        | 1000 ft |
| 9292         |       |             |         |

© 2017 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. This Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.

Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.