

**Product:** [89292](#) 



Analog Video, RG11, #14 Solid BC, Foil + 65% TC Braid, FEP Jacket, CMP

## Product Description

14 AWG solid .064" bare copper conductor, plenum, foam FEP insulation, Duofoil®; tinned copper braid shield (65% coverage), FEP jacket.

## Technical Specifications

### Physical Characteristics (Overall)

#### Conductor

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

|                  |   |
|------------------|---|
| Conductor Count: | 1 |
|------------------|---|

#### Insulation

| Material                                    | Nominal Diameter |
|---------------------------------------------|------------------|
| FEP - Fluorinated Ethylene Propylene (Foam) | 0.274 in         |

#### Outer Shield

| Type  | Layer | Material                      | Material Trade Name | Coverage [%] |
|-------|-------|-------------------------------|---------------------|--------------|
| Tape  | 1     | Tri-Laminate (Alum+Poly+Alum) | Duofoil®            | 100%         |
| Braid | 2     | Tinned Copper (TC)            |                     | 65%          |

#### Outer Jacket

| Material                             | Material Trade Name | Nominal Diameter |
|--------------------------------------|---------------------|------------------|
| FEP - Fluorinated Ethylene Propylene | Teflon®             | 0.346 in         |

### Electrical Characteristics

#### Conductor DCR

| Nominal Conductor DCR | Nominal Conductor DCR Conductor Resistance | Nominal Outer Shield DCR | Outer Conductor DCR |
|-----------------------|--------------------------------------------|--------------------------|---------------------|
| 2.5 Ohm/1000ft        | 2.5 Ohm/1000ft                             | 3 Ohm/1000ft             | 3 Ohm/1000ft        |

#### Capacitance

| Nom. Capacitance Conductor to Shield |
|--------------------------------------|
| 16.2 pF/ft                           |

#### Inductance

| Nominal Inductance |
|--------------------|
| 0.091 µH/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                             |
| 450 MHz         | 0.4 dB/100ft        |                                   |

|          |              |  |
|----------|--------------|--|
| 5 MHz    | 1 dB/100ft   |  |
| 100 MHz  | 1.5 dB/100ft |  |
| 200 MHz  | 2.2 dB/100ft |  |
| 400 MHz  | 3.3 dB/100ft |  |
| 700 MHz  | 4.5 dB/100ft |  |
| 900 MHz  | 5.2 dB/100ft |  |
| 1000 MHz | 5.5 dB/100ft |  |

#### Delay

| Nominal Delay | Nominal Velocity of Propagation (VP) [%] |
|---------------|------------------------------------------|
| 1.22 ns/ft    | 83%                                      |

#### Voltage

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

### Temperature Range

|                       |                 |
|-----------------------|-----------------|
| Non-UL Temp Rating:   | 200°C           |
| Operating Temp Range: | -70°C To +200°C |

### Mechanical Characteristics

|                              |               |
|------------------------------|---------------|
| Bulk Cable Weight:           | 73 lbs/1000ft |
| Max. Pull Tension:           | 97 lbs        |
| Min. Bend Radius/Minor Axis: | 4 in          |

### Standards

|                       |            |
|-----------------------|------------|
| NEC/(UL) Compliance:  | CATVP, CMP |
| CEC/C(UL) Compliance: | CMP        |
| RG Type:              | 11         |

### Applicable Environmental and Other Programs

|                                              |                               |
|----------------------------------------------|-------------------------------|
| Environmental Space:                         | Indoor - Plenum               |
| EU Directive 2000/53/EC (ELV):               | Yes                           |
| EU Directive 2003/11/EC (BFR):               | Yes                           |
| EU Directive 2011/65/EU (RoHS 2):            | Yes                           |
| EU Directive 2012/19/EU (WEEE):              | Yes                           |
| EU Directive 2015/863/EU (RoHS 2 amendment): | Yes                           |
| EU Directive Compliance:                     | EU Directive 2003/11/EC (BFR) |
| EU CE Mark:                                  | Yes                           |
| MII Order #39 (China RoHS):                  | Yes                           |

### Suitability

|                       |     |
|-----------------------|-----|
| Suitability - Indoor: | Yes |
|-----------------------|-----|

### Flammability, LS0H, Toxicity Testing

|                     |           |
|---------------------|-----------|
| C(UL) Flammability: | FT6       |
| UL Flammability:    | NFPA 262  |
| UL voltage rating:  | 300 V RMS |

### Plenum/Non-Plenum

|               |     |
|---------------|-----|
| Plenum (Y/N): | Yes |
|---------------|-----|

### Part Number

|                    |      |
|--------------------|------|
| Non-Plenum Number: | 9292 |
|--------------------|------|

#### Variants

| Item #        | Color | Put-Up Type | Length   | UPC          |
|---------------|-------|-------------|----------|--------------|
| 89292 010500  | Black | Reel        | 500 ft   | 612825221456 |
| 89292 0101000 | Black | Reel        | 1,000 ft | 612825220923 |

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

Product Notes

|        |                                                                                                         |
|--------|---------------------------------------------------------------------------------------------------------|
| Notes: | Teflon® is a registered trademark of E. I. duPont de Nemours and Co. used under license by Belden, Inc. |
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History

|                      |                                                  |
|----------------------|--------------------------------------------------|
| Update and Revision: | Revision Number: 0.348 Revision Date: 09-10-2021 |
|----------------------|--------------------------------------------------|

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