



Product: <u>9888</u> ☑

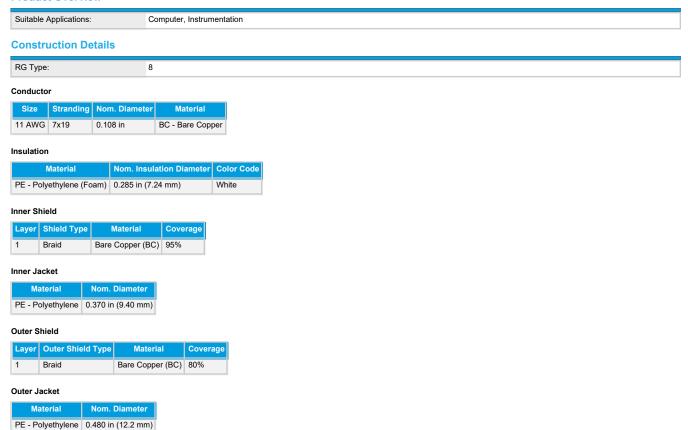
 50Ω RG-8/U Type, #11 Str BC, FPE Ins, BC Braid, PE inner Jkt, BC Brd, PE Jkt

Product Description

Triax 50Ω RG-8/U Type, 11 AWG (7x19) bare copper conductor, foam polyethylene insulation, bare copper braid shield (95%), PE Insulation, Bare Copper Braid (80%), polyethylene jacket

Technical Specifications

Product Overview



Electrical Characteristics

Overall Cable Diameter (Nominal): 0.480 in (12.2 mm)

Attenuation

| Frequency | Nom. Attenuation |
|-----------|------------------|
| 1 MHz | 0.10 dB/100ft |
| 10 MHz | 0.50 dB/100ft |
| 50 MHz | 1.20 dB/100ft |
| 100 MHz | 1.80 dB/100ft |
| 200 MHz | 2.70 dB/100ft |
| 400 MHz | 4.20 dB/100ft |

| 700 MHz | 5.80 dB/100ft | | |
|----------|---------------|--|--|
| 900 MHz | 6.70 dB/100ft | | |
| 1000 MHz | 7.10 dB/100ft | | |

Electricals

| Nom. Conductor DCR | Nom. Inner Shield DCR | Nom. Outer Shield DCR | Nom. Capacitance Cond-to-Shield | Nom. Characteristic Impedance | Nom. Velocity of Prop. |
|-----------------------|-----------------------------|-----------------------------|---------------------------------|-------------------------------|------------------------|
| 1.2 Ohm/1000ft | 1.2 Ohm/1000ft (3.9 Ohm/km) | 2.1 Ohm/1000ft (6.9 Ohm/km) | 26.0 pF/ft (85.3 pF/m) | 50 Ohm | 78% |

Voltage

| Voltage Rating |
|--|
| 600 V (Center conductor to inner shield), 300 V (Between shield) |

Mechanical Characteristics

Temperature



Bend Radius



| Max. Pull Tension: | 326 lbs (148 kg) |
|--------------------|------------------|
| Bulk Cable Weight: | 130 lbs/1000ft |

Standards and Compliance

| Environmental Suitability: | Outdoor - Aerial, Outdoor, 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: 0.493 Revision Date: 04-29-2024 | |
|----------------------|--|--|
| | | |

Part Numbers

Variants

| Item # | Color | Putup Type | Length | UPC | Footnote |
|--------------|-------|------------|----------|--------------|----------|
| 9888 010500 | Black | Reel | 500 ft | 612825260035 | С |
| 9888 0101000 | Black | Reel | 1,000 ft | 612825260028 | С |

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