



Product: <u>1857A</u> ☑

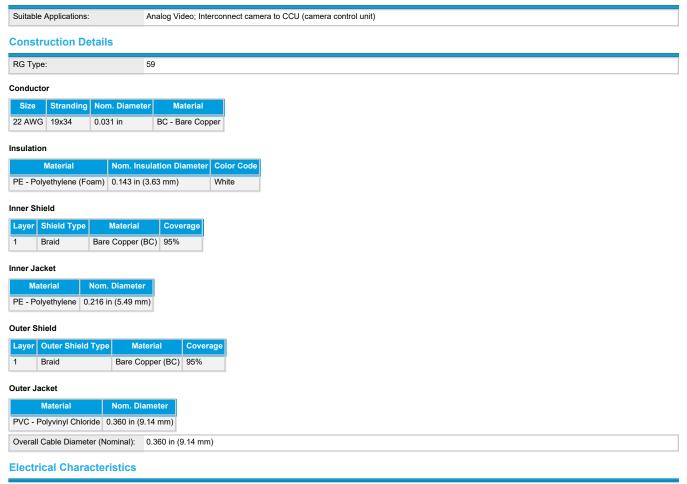
Triax, RG59, 22 AWG Str BC, Double 95% BC Braids, Belflex® Jkt, Flexible

Product Description

Triax, RG59, 22 AWG (19x34) Bare Copper Conductor, PE Insulation, 95% Bare Copper Braid Shield, PE Insulation, 95% Bare Copper Braid Shield, Belflex® Jacket, Flexible

Technical Specifications

Product Overview



Return Loss (RL)

| Frequency | Min. Return Loss | |
|----------------|------------------|--|
| 5 - 850 MHz | 21 dB | |
| 850 - 3000 MHz | 15 dB | |

Attenuation

| Frequency | Nom. Attenuation | | |
|-----------|------------------|--|--|
| 1 MHz | 0.30 dB/100ft | | |

| 3.6 MHz | 0.50 dB/100ft |
|----------|----------------|
| 10 MHz | 0.80 dB/100ft |
| 71.5 MHz | 2.20 dB/100ft |
| 135 MHz | 3.10 dB/100ft |
| 270 MHz | 4.50 dB/100ft |
| 360 MHz | 5.40 dB/100ft |
| 540 MHz | 6.80 dB/100ft |
| 720 MHz | 8.10 dB/100ft |
| 750 MHz | 8.40 dB/100ft |
| 1000 MHz | 10.10 dB/100ft |
| 1500 MHz | 13.30 dB/100ft |
| 2250 MHz | 17.60 dB/100ft |
| 3000 MHz | 21.40 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. |
|-----------------------|-----------------------------|-----------------------------|---------------------------------|-------------------------------|------------------------|
| 14.0 Ohm/1000ft | 2.5 Ohm/1000ft (8.2 Ohm/km) | 1.6 Ohm/1000ft (5.2 Ohm/km) | 17.0 pF/ft (55.8 pF/m) | 75 Ohm | 77% |

Voltage

Voltage Rating 300 V

Mechanical Characteristics

Temperature



Bend Radius

Installation Min. 3.6 in (91 mm)

| Max. Pull Tension: | 102 lbs (46.3 kg) |
|--------------------|-------------------|
| Bulk Cable Weight: | 79 lbs/1000ft |

Standards and Compliance

| Environmental Suitability: | Indoor/Outdoor, Indoor, Aerial - When supported by messenger wire |
|--------------------------------|--|
| Sustainability: | CA Prop 65 |
| CPR Compliance: | CPR Euroclass: Eca |
| 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) |
| UK Regulation Compliance: | UKCA Mark |
| APAC Compliance: | China RoHS II (GB/T 26572-2011) |

History

| Update and Revision: | Revision Number: 0.463 Revision Date: 04-24-2023 |
|----------------------|--|

Part Numbers

Variants

| Item # | Color | Putup Type | Length | UPC | Footnote |
|---------------|--------------|------------|----------|--------------|----------|
| 1857A B59500 | Black, Matte | Reel | 500 ft | 612825358404 | С |
| 1857A B591000 | Black, Matte | Reel | 1,000 ft | 612825358411 | С |
| 1857A B594000 | Black, Matte | Reel | 4,000 ft | 612825352181 | |
| 1857A B595000 | Black, Matte | Reel | 5,000 ft | 612825436140 | |
| 1857A 0061000 | Blue, Light | Reel | 1,000 ft | 612825356660 | С |
| 1857A 0021000 | Red | Reel | 1,000 ft | 612825357643 | С |
| 1857A 0071000 | Violet | Reel | 1,000 ft | 612825356578 | С |
| 1857A 004500 | Yellow | Reel | 500 ft | 612825356677 | |
| 1857A 0041000 | Yellow | Reel | 1,000 ft | 612825356684 | С |

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