

Part Number: 673948

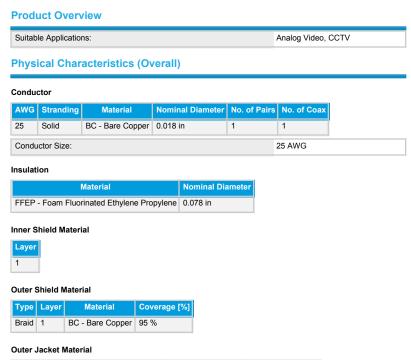


Surveillance CCTV, Mini-RG59 #25 BC, 95% BC Braid, CMP

Product Description

Surveillance & CCTV Cable, mini-RG59, Plenum-CMP, 25 AWG solid bare copper, foam FEP core, 95% bare copper braid, Flamarrest® jacket

Technical Specifications



| Material | Material Trade Name | Nominal Diameter |
|---------------------------------------|---------------------|------------------|
| LS PVC - Low Smoke Polyvinyl Chloride | Flamarrest® | 0.146 in |

Electrical Characteristics

Conductor DCR

| Nominal Conductor DCR | Nominal Conductor DCR Conductor Resistance | Nominal Outer Shield DCR |
|-----------------------|--|--------------------------|
| 31 Ohm/1000ft | 31 Ohm/1000ft | 5.5 Ohm/1000ft |

Capacitance

Nom. Capacitance Conductor to Shield

16.9 pF/ft

Shielding: Braid(s)

Inductance

Nominal Inductance 0.109 µH/ft

Impedance

Nominal Characteristic Impedance 75 Ohm

High Frequency (Nominal/Typical)

| Frequency [MHz] | Nom. Insertion Loss |
|-----------------|---------------------|
| 1 MHz | 0.45 dB/100ft |
| 5 MHz | 0.9 dB/100ft |
| 10 MHz | 1.3 dB/100ft |
| 50 MHz | 3.1 dB/100ft |
| 100 MHz | 4.3 dB/100ft |
| 200 MHz | 6.3 dB/100ft |
| 400 MHz | 9.4 dB/100ft |
| 700 MHz | 13 dB/100ft |
| 900 MHz | 15 dB/100ft |
| 1000 MHz | 16 dB/100ft |

Delay

| Max. Delay Skew | Nominal Delay | Nominal Velocity of Propagation (VP) [%] |
|-----------------|---------------|--|
| 80 ns/100m | 1.27 ns/ft | 80 % |

High Freq

| Frequency [MHz] |
|-----------------|
| 1 MHz |
| 5 MHz |
| 10 MHz |
| 50 MHz |
| 100 MHz |
| 200 MHz |
| 400 MHz |
| 700 MHz |
| 900 MHz |
| 1000 MHz |

Voltage

UL Voltage Rating 300 V RMS

Temperature Range

| UL Temp Rating: | 75°C |
|-----------------------|----------------|
| Operating Temp Range: | -30°C To +75°C |

Mechanical Characteristics

| Bulk Cable Weight: | 17 lbs/1000ft |
|----------------------------------|---------------|
| Max Recommended Pulling Tension: | 28 lbs |
| Min Bend Radius/Minor Axis: | 1.5 in |

Standards

| NEC Articles: | 800 |
|--------------------------|----------------|
| NEC/(UL) Specification: | CMP |
| CEC/C(UL) Specification: | CMP |
| RG Type: | Mini 59/U Type |
| Series Type: | Series 59 |
| RG / Series Type: | Series 59 |

Applicable Environmental and Other Programs

| EU Directive Compliance: | Yes |
|---------------------------------------|------------|
| EU CE Mark: | Yes |
| EU RoHS Compliance Date (yyyy-mm-dd): | 2005-12-01 |
| CA Prop 65 (CJ for Wire & Cable): | Yes |
| MII Order #39 (China RoHS): | Yes |

Suitability

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

Flammability, LS0H, Toxicity Testing

| UL Flammability: | NFPA 262 |
|--------------------|-----------|
| CSA Flammability: | FT6 |
| UL voltage rating: | 300 V RMS |

Plenum/Non-Plenum

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

Part Number

Variants

| Item # | Color |
|----------------|---------|
| 673948 8771000 | Natural |
| 673948 877U500 | Natural |

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