



Product: [5340U1](#)

Security & Sound, #18-2c, TC, CMG-FPL-PLTC-ER, Water-Blocked

Product Description

Security & Sound Cable, Rated-CMG-FPL-PLTC, 1-18 AWG stranded tinned copper pair with PVC insulation, Waterblocking tape, PVC jacket

Technical Specifications

Product Overview

| | |
|------------------------|---|
| Suitable Applications: | Security System, Intercom/PA, Audio/Speaker, Power-Limited Controls, Wet Location, Below-Grade Duct |
|------------------------|---|

Construction Details

Conductor

| Element | Number of Element | Size | Stranding | Material |
|--------------|-------------------|------|-----------|--------------------|
| Conductor(s) | 2 | 18 | 7x26 | TC - Tinned Copper |

Insulation

| Material | Nom. Thickness | Nom. Insulation Diameter | Color Code |
|--------------------------|--------------------|--------------------------|-------------|
| PVC - Polyvinyl Chloride | 0.017 in (0.43 mm) | 0.080 in (2.0 mm) | Black & Red |

| | |
|----------------|--------------------|
| Table Notes: | Waterblocking tape |
| Waterblocking: | Waterblock Tape |

Outer Jacket

| Material | Nom. Thickness | Nom. Diameter |
|--------------------------|--------------------|--------------------|
| PVC - Polyvinyl Chloride | 0.037 in (0.94 mm) | 0.266 in (6.76 mm) |

Electrical Characteristics

Electricals

| Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Max. Current |
|--------------------|-------------------------------|------------------------------|
| 6.92 Ohm/1000ft | 30 pF/ft (98 pF/m) | 5 Amps per Conductor at 25°C |

Voltage

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

Mechanical Characteristics

Temperature

| UL Temperature | Operating |
|----------------|-----------------|
| 105°C | -30°C To +105°C |

Bend Radius

| Stationary Min. | Installation Min. |
|-------------------|-------------------|
| 2.66 in (67.6 mm) | 2.66 in (67.6 mm) |

| | |
|--------------------|----------------|
| Max. Pull Tension: | 44 lbs (20 kg) |
| Bulk Cable Weight: | 30 lbs/1000ft |

Standards and Compliance

| | |
|----------------------------------|---|
| Environmental Suitability: | Indoor, Outdoor, Sunlight Resistance, Oil Resistance, Burial |
| Sustainability: | Product Lens™, Environmental Product Declaration (EPD) Available |
| Flammability / Reaction to Fire: | UL1685 FT4 loading, FT4, IEEE 1202 Vertical Tray Flame Test |
| CPR Compliance: | CPR Euroclass: Eca |
| NEC / UL Compliance: | Article 725, Article 760, Article 800, CMG, FPL, PLTC |
| CEC / C(UL) Compliance: | CMG |
| European Directive Compliance: | EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), 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

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|----------------------|--|
| Update and Revision: | Revision Number: 0.417 Revision Date: 04-14-2023 |
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Part Numbers

Variants

| Item # | Color | UPC |
|----------------|-------|--------------|
| 5340U1 0101000 | Black | 612825161158 |
| 5340U1 0021000 | Red | 612825161141 |

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