



**Product:** [5340U1](#)

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

**Product Description**

Security & Sound Cable, Rated-CMG-FPL-PLTC-ER, 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 |
|------------------------|---|

**Physical Characteristics (Overall)**

**Conductor**

| AWG | Stranding | Material           | No. of Pairs |
|-----|-----------|--------------------|--------------|
| 18  | 7x26      | TC - Tinned Copper | 1            |

|                  |   |
|------------------|---|
| Conductor Count: | 2 |
|------------------|---|

**Insulation**

| Material                 | Nominal Wall Thickness |
|--------------------------|------------------------|
| PVC - Polyvinyl Chloride | 0.017 in               |

**Color Chart**

| Number | Color       |
|--------|-------------|
| 1      | Black & Red |

**Outer Shield Material**

| Material  |
|-----------|
| No Shield |

|              |                    |
|--------------|--------------------|
| Table Notes: | Waterblocking tape |
|--------------|--------------------|

**Outer Jacket Material**

| Material                 | Nominal Diameter | Nominal Wall Thickness |
|--------------------------|------------------|------------------------|
| PVC - Polyvinyl Chloride | 0.266 in         | 0.037 in               |

**Electrical Characteristics**

**Conductor DCR**

| Nominal Conductor DCR | Nominal Conductor DCR | Conductor Resistance |
|-----------------------|-----------------------|----------------------|
| 5.9 Ohm/1000ft        | 5.9 Ohm/1000ft        |                      |

**Capacitance**

| Nom. Capacitance Conductor to Conductor |
|---|
| 30 pF/ft                                |

**Voltage**

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

**Temperature Range**

|                       |                 |
|-----------------------|-----------------|
| UL Temp Rating:       | 105°C           |
| Operating Temp Range: | -30°C To +105°C |

## Mechanical Characteristics

|                             |               |
|-----------------------------|---------------|
| Bulk Cable Weight:          | 24 lbs/1000ft |
| Max. Pull Tension:          | 44 lbs        |
| Min Bend Radius/Minor Axis: | 2.5 in        |

## Standards

|                       |                                       |
|-----------------------|---------------------------------------|
| NEC Articles:         | Article 725, Article 760, Article 800 |
| NEC/(UL) Compliance:  | CMG, FPL, PLTC-ER                     |
| CEC/C(UL) Compliance: | CMG                                   |
| CPR Euroclass:        | Eca                                   |

## Applicable Environmental and Other Programs

|                                       |            |
|---------------------------------------|------------|
| EU Directive 2000/53/EC (ELV):        | Yes        |
| EU Directive 2003/11/EC (BFR):        | Yes        |
| EU Directive 2011/65/EU (ROHS II):    | Yes        |
| EU Directive 2012/19/EU (WEEE):       | Yes        |
| EU Directive 2015/863/EU:             | Yes        |
| EU Directive Compliance:              | Yes        |
| EU CE Mark:                           | Yes        |
| EU RoHS Compliance Date (yyyy-mm-dd): | 2006-11-08 |
| MII Order #39 (China RoHS):           | Yes        |

## Suitability

|                                    |     |
|------------------------------------|-----|
| Suitability - Indoor:              | Yes |
| Suitability - Outdoor:             | Yes |
| Suitability - Sunlight Resistance: | Yes |

## Flammability, LS0H, Toxicity Testing

|                     |                                    |
|---------------------|------------------------------------|
| C(UL) Flammability: | FT4                                |
| UL Flammability:    | UL1685 FT4 loading                 |
| IEEE Flammability:  | IEEE 1202 Vertical Tray Flame Test |
| UL voltage rating:  | 300 V RMS                          |

## Plenum/Non-Plenum

|               |    |
|---------------|----|
| Plenum (Y/N): | No |
|---------------|----|

## Part Number

### Variants

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

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

## History

|                      |  |
|----------------------|--|
| Update and Revision: | Revision Number: 0.220 Revision Date: 06-24-2020 |
|----------------------|--|

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