



Product: [5342UE](#)

Security & Sound, #18-3pr, BC, CMR

### Product Description

Security & Sound Cable, Riser-CMR, 3-18 AWG stranded bare copper pairs with polyolefin insulation, PVC jacket with ripcord

### Technical Specifications

#### Product Overview

|                        |   |
|------------------------|---|
| Suitable Applications: | Security System, Intercom/PA, Audio/Speaker, Power-Limited Controls |
|------------------------|---|

#### Construction Details

##### Conductor

| Element | No. of Elements | Size | Stranding | Material         |
|---------|-----------------|------|-----------|------------------|
| Pair(s) | 3               | 18   | 7x26      | BC - Bare Copper |

##### Insulation

| Material           | Nom. Thickness      | Nom. Insulation Diameter | Color Code                                |
|--------------------|---------------------|--------------------------|---|
| PP - Polypropylene | 0.0085 in (0.22 mm) | 0.062 in (1.6 mm)        | Black & Red, Black & White, Black & Green |

##### Outer Jacket

| Material                 | Nom. Thickness     | Nom. Diameter | Ripcord |
|--------------------------|--------------------|---------------|---------|
| PVC - Polyvinyl Chloride | 0.017 in (0.43 mm) | 0.262 in      | Yes     |

#### Electrical Characteristics

##### Electricals

| Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Max. Current                   |
|--------------------|-------------------------------|--------------------------------|
| 6.93 Ohm/1000ft    | 29 pF/ft (95 pF/m)            | 3.5 Amps per Conductor at 20°C |

##### Voltage

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

#### Mechanical Characteristics

##### Temperature

| UL Temperature | Operating      |
|----------------|----------------|
| 75°C           | -20°C To +75°C |

##### Bend Radius

| Stationary Min.   | Installation Min. |
|-------------------|-------------------|
| 2.62 in (66.5 mm) | 2.62 in           |

|                    |                      |
|--------------------|----------------------|
| Max. Pull Tension: | 134.4 lbs (60.96 kg) |
| Bulk Cable Weight: | 46.1 lbs/1000ft      |

#### Standards and Compliance

|                                  |                    |
|----------------------------------|--------------------|
| Flammability / Reaction to Fire: | UL 1666 riser, FT4 |
|----------------------------------|--------------------|

|                                |  |
|--------------------------------|--|
| NEC / UL Compliance:           | Article 800, CMR   |
| CEC / C(UL) Compliance:        | CMG  |
| European Directive Compliance: | EU CE Mark, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE) |
| APAC Compliance:               | China RoHS II (GB/T 26572-2011)  |
| Plenum Number:                 | 6342UE   |

## History

|                      |  |
|----------------------|--|
| Update and Revision: | Revision Number: 0.292 Revision Date: 05-05-2023 |
|----------------------|--|

## Part Numbers

### Variants

| Item #          | Color | UPC          |
|-----------------|-------|--------------|
| 5342UE 0081000  | Gray  | 612825161264 |
| 5342UE 008U1000 | Gray  | 612825161257 |

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