



Product: [5308UE](#)

Security & Sound, #18-10c, BC, CMR

Product Description

Security & Sound Cable, Riser-CMR, 10-18 AWG stranded bare copper conductors with polypropylene insulation, PVC jacket with ripcord

Technical Specifications

Product Overview

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

Construction Details

Conductor

| Element      | Number of Element | AWG | Stranding | Material         |
|--------------|-------------------|-----|-----------|------------------|
| Conductor(s) | 10                | 18  | 7x26      | BC - Bare Copper |

Insulation

| Element      | Material           | Thickness          | Color Code                                                          |
|--------------|--------------------|--------------------|---------------------------------------------------------------------|
| Conductor(s) | PP - Polypropylene | 0.009 in (0.23 mm) | Black, Red, White, Green, Brown, Blue, Orange, Yellow, Purple, Gray |

Outer Jacket

| Material                 | Thickness          | Nom. Diameter | Ripcord |
|--------------------------|--------------------|---------------|---------|
| PVC - Polyvinyl Chloride | 0.018 in (0.46 mm) | 0.284 in      | Yes     |

Cable Diameter (Nominal): 0.284 in (7.21 mm)

Electrical Characteristics

Electricals

| Element      | Nom. Conductor DCR         | Nom. Capacitance Cond-to-Cond | Max. Current                  |
|--------------|----------------------------|-------------------------------|-------------------------------|
| Conductor(s) | 6.5 Ohm/1000ft (21 Ohm/km) | 30 pF/ft (98 pF/m)            | 3.5 Amps per conductor @ 25°C |

Voltage

| UL Voltage Rating |
|-------------------|
| 300 V (CMR)       |

Mechanical Characteristics

Temperature

| UL Rating | Operating      |
|-----------|----------------|
| 75°C      | -20°C to +75°C |

Bend Radius

| Stationary Min. | Installation Min. |
|-----------------|-------------------|
| 2.8 in (71 mm)  | 2.8 in (71 mm)    |

Max. Pull Tension:

224 lbs (102 kg)

Bulk Cable Weight:

67 lbs/1000ft (100 kg/km)

Standards and Compliance

|                                 |                                  |
|---------------------------------|----------------------------------|
| Environmental Suitability:      | Indoor - Riser, Indoor           |
| Flammability / Fire Resistance: | UL1666 Riser, FT4, IEC 60332-1-2 |
| NEC / UL Compliance:            | Article 800, CMR                 |
| CEC / C(UL) Compliance:         | CMG                              |
| CPR Euroclass:                  | Eca                              |
| European Directive Compliance:  | EU CE Mark                       |
| Plenum Number:                  | 6308UE                           |

History

|                      |                                                  |
|----------------------|--------------------------------------------------|
| Update and Revision: | Revision Number: 0.286 Revision Date: 07-02-2021 |
|----------------------|--------------------------------------------------|

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