



Product: [5302UE](#)

Security & Sound, #18-4c, BC, CMR

**Product Description**

Security & Sound Cable, Riser-CMR, 4-18 AWG stranded bare copper conductors 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      | Number of Element | Size | Stranding | Material         |
|--------------|-------------------|------|-----------|------------------|
| Conductor(s) | 4                 | 18   | 7x26      | BC - Bare Copper |

Insulation

| Material           | Nom. Thickness     | Nom. Insulation Diameter | Color Code               |
|--------------------|--------------------|--------------------------|--------------------------|
| PP - Polypropylene | 0.008 in (0.20 mm) | 0.062 in (1.6 mm)        | Black, Red, White, Green |

Outer Jacket

| Material                 | Nom. Thickness     | Nom. Diameter      | Ripcord |
|--------------------------|--------------------|--------------------|---------|
| PVC - Polyvinyl Chloride | 0.017 in (0.43 mm) | 0.184 in (4.67 mm) | Yes     |

**Electrical Characteristics**

Electricals

| Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Max. Current                                         |
|--------------------|-------------------------------|------------------------------------------------------|
| 6.79 Ohm/1000ft    | 22 pF/ft (72 pF/m)            | 4 Amps per Conductor at 25°C (10°C Temperature Rise) |

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. |
|-------------------|-------------------|
| 1.84 in (46.7 mm) | 1.84 in (46.7 mm) |

|                    |                |
|--------------------|----------------|
| Max. Pull Tension: | 90 lbs (41 kg) |
| Bulk Cable Weight: | 35 lbs/1000ft  |

**Standards and Compliance**

|                            |                 |
|----------------------------|-----------------|
| Environmental Suitability: | Indoor, Outdoor |
|----------------------------|-----------------|

|                                  |                                                                                                                           |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Flammability / Reaction to Fire: | UL1666 Riser, FT4, IEC 60332-1-2                                                                                          |
| CPR Compliance:                  | CPR Euroclass: Eca                                                                                                        |
| NEC / UL Compliance:             | Article 800, CMR                                                                                                          |
| 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)                                                                                           |
| Plenum Number:                   | 6302UE                                                                                                                    |

History

|                      |                                                  |
|----------------------|--------------------------------------------------|
| Update and Revision: | Revision Number: 0.366 Revision Date: 01-04-2023 |
|----------------------|--------------------------------------------------|

Part Numbers

Variants

| Item #          | Color  | Putup Type | Length | UPC/EAN       |
|-----------------|--------|------------|--------|---------------|
| 5302UE.00152    | Chrome | Reel       | 152 m  | 8719605008268 |
| 5302UE.00305    | Chrome | Reel       | 305 m  | 8719605008275 |
| 5302UE.00U305   | Chrome | Reel       | 305 m  | 8719605008282 |
| 5302UE 0081000  | Gray   |            |        | 612825336853  |
| 5302UE 008500   | Gray   |            |        | 612825336860  |
| 5302UE 008C250  | Gray   |            |        |               |
| 5302UE 008U1000 | Gray   |            |        | 612825159612  |
| 5302UE 008U500  | Gray   |            |        | 612825159629  |

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