# 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 | No. of Elements | 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 25ºC (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: 0.441 Revision Date: 04-03-2023 |

## Part Numbers

**Variants**

| Item # | Color | Putup Type | Length | UPC/EAN | Footnote |
|---|---|---|---|---|---|
| 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 | C |
| 5302UE 008500 | Gray | | | 612825336860 | |
| 5302UE 008C250 | Gray | | | | |
| 5302UE 008U1000 | Gray | | | 612825159612 | |
| 5302UE 008U500 | Gray | | | 612825159629 | |

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