



Product: [6302UE](#)

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

Product Description

Security & Sound Cable, Plenum-CMP 4-18 AWG stranded bare copper conductors with Flamarrest® insulation, Flamarrest® 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 |
|--------------------------|--------------------|--------------------------|--------------------------|
| PVC - Polyvinyl Chloride | 0.009 in (0.23 mm) | 0.047 in (1.2 mm) | Black, Red, White, Green |

Outer Jacket

| Material | Nom. Thickness | Nom. Diameter | Ripcord |
|--------------------------|--------------------|------------------|---------|
| PVC - Polyvinyl Chloride | 0.015 in (0.38 mm) | 0.18 in (4.6 mm) | Yes |

Electrical Characteristics

Electricals

| Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Max. Current |
|--------------------|-------------------------------|--|
| 6.79 Ohm/1000ft | 34 pF/ft (110 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 | Installation |
|----------------|----------------|--------------|
| 75°C | -10°C To +75°C | 0°C To +75°C |

Bend Radius

| Stationary Min. | Installation Min. |
|-----------------|-------------------|
| 1.8 in (46 mm) | 1.8 in (46 mm) |

| | |
|--------------------|--------------------|
| Max. Pull Tension: | 83.2 lbs (37.7 kg) |
| Bulk Cable Weight: | 30 lbs/1000ft |

Standards and Compliance

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

| | |
|----------------------------------|---|
| Flammability / Reaction to Fire: | NFPA 262 (UL910), FT6, IEC 60332-1-2 |
| CPR Compliance: | CPR Euroclass: Eca |
| NEC / UL Compliance: | Article 800, CMP |
| CEC / C(UL) Compliance: | CMP |
| 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) |
| Non-Plenum Number: | 5302UE |

History

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|----------------------|--|
| Update and Revision: | Revision Number: 0.436 Revision Date: 04-03-2023 |
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Part Numbers

Variants

| Item # | Color | UPC | Footnote |
|-----------------|---------|--------------|----------|
| 6302UE 8771000 | Natural | 612825340232 | C |
| 6302UE 877500 | Natural | 612825175391 | |
| 6302UE 877C250 | Natural | | |
| 6302UE 877U1000 | Natural | 612825175377 | |
| 6302UE 877U500 | Natural | 612825175384 | |

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