



Product: [6506UE](#)

Security & Sound, #22-8c, BC, CMP

Product Description

Security & Sound Cable, Plenum-CMP 8-22 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 | Number of Element | Size | Stranding | Material |
|--------------|-------------------|------|-----------|------------------|
| Conductor(s) | 8 | 22 | 7x30 | 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, Brown, Blue, Orange, Yellow |

Outer Jacket

| Material | Nom. Thickness | Nom. Diameter | Ripcord |
|--------------------------|--------------------|---------------|---------|
| PVC - Polyvinyl Chloride | 0.015 in (0.38 mm) | 0.186 in | Yes |

Electrical Characteristics

Electricals

| Nom. Conductor DCR | Max. Current |
|--------------------|------------------------------|
| 17.41 Ohm/1000ft | 2 Amps per Conductor at 25°C |

Voltage

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

Mechanical Characteristics

Temperature

| UL Temperature | Operating |
|----------------|--------------|
| 75°C | 0°C To +75°C |

Bend Radius

| Stationary Min. | Installation Min. |
|-------------------|-------------------|
| 1.86 in (47.2 mm) | 1.86 in |

| | |
|--------------------|--------------------|
| Max. Pull Tension: | 72.8 lbs (33.0 kg) |
| Bulk Cable Weight: | 29 lbs/1000ft |

Standards and Compliance

| | |
|----------------------------|---------|
| Environmental Suitability: | Outdoor |
|----------------------------|---------|

| | |
|----------------------------------|--|
| Flammability / Reaction to Fire: | NFPA 262 (UL910), FT6 |
| NEC / UL Compliance: | Article 800, CMP |
| CEC / C(UL) Compliance: | CMP |
| 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) |
| Non-Plenum Number: | 5506UE |

History

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|----------------------|--|
| Update and Revision: | Revision Number: 0.300 Revision Date: 05-05-2023 |
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Part Numbers

Variants

| Item # | Color | UPC |
|-----------------|---------|--------------|
| 6506UE 8771000 | Natural | 612825178002 |
| 6506UE 877U1000 | Natural | 612825177982 |
| 6506UE 877U500 | Natural | 612825177999 |

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