



Product: [6508UE](#)

Security & Sound, #22-10c, BC, CMP

Product Description

Security & Sound Cable, Plenum-CMP 10-22 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 | No. of Elements | Size | Stranding | Material |
|--------------|-----------------|--------|-----------|------------------|
| Conductor(s) | 10 | 22 AWG | 7x30 | BC - Bare Copper |

Insulation

| Element | Material | Nom. Thickness | Nom. Insulation Diameter | Color Code |
|--------------|--------------------------|--------------------|--------------------------|---------------------------------------------------------------------|
| Conductor(s) | PVC - Polyvinyl Chloride | 0.009 in (0.23 mm) | 0.047 in (1.2 mm) | Black, Red, White, Green, Brown, Blue, Orange, Yellow, Violet, Gray |

Outer Shield

| Material |
|-----------|
| No Shield |

Outer Jacket

| Material | Nom. Thickness | Nom. Diameter | Ripcord |
|-----------------------------------|--------------------|---------------|---------|
| PVC - Polyvinyl Chloride | 0.015 in (0.38 mm) | 0.218 in | Yes |
| Overall Cable Diameter (Nominal): | | 0.218 in | |

Electrical Characteristics

Electricals

| Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Max. Current |
|--------------------|-------------------------------|------------------------------|
| 17.41 Ohm/1000ft | 25 pF/ft (82 pF/m) | 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. |
|-------------------|-------------------|
| 2.18 in (55.4 mm) | 2.18 in |

| | |
|--------------------|-----------------|
| Max. Pull Tension: | 91 lbs (41 kg) |
| Bulk Cable Weight: | 35.5 lbs/1000ft |

Standards and Compliance

| | |
|----------------------------------|------------------------------------------------------------------------------|
| Environmental Suitability: | Indoor |
| 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: | 5508UE |

History

| | |
|----------------------|--------------------------------------------------|
| Update and Revision: | Revision Number: 0.298 Revision Date: 05-05-2023 |
|----------------------|--------------------------------------------------|

Part Numbers

Variants

| Item # | Color | UPC |
|-----------------|---------|--------------|
| 6508UE 877U1000 | Natural | 612825178033 |

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