



Product: [5543UE](#)

Security & Sound, #22-4pr, BC, CMR

Product Description

Security & Sound Cable, Riser-CMR, 4-22 AWG stranded bare copper pairs with polypropylene 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 |
|---------|-----------------|--------|-----------|------------------|
| Pair(s) | 4 | 22 AWG | 7x30 | BC - Bare Copper |

Insulation

| Element | Material | Nom. Thickness | Nom. Insulation Diameter | Color Code |
|---------|--------------------|--------------------|--------------------------|---|
| Pair(s) | PP - Polypropylene | 0.008 in (0.20 mm) | 0.045 in (1.1 mm) | Black & Red, Black & White, Black & Green, Black & Blue |

Outer Shield

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

Outer Jacket

| Material | Nom. Thickness | Nom. Diameter | Ripcord |
|--------------------------|--------------------|---------------|---------|
| PVC - Polyvinyl Chloride | 0.018 in (0.46 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 |
|--------------------|-------------------------------|--------------------------------|
| 17.6 Ohm/1000ft | 24.11 pF/ft (79.10 pF/m) | 4.2 Amps per Conductor at 30°C |

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. |
|-------------------|-------------------|
| 2.18 in (55.4 mm) | 2.18 in |

| | |
|--------------------|--------------------|
| Max. Pull Tension: | 72.8 lbs (33.0 kg) |
| Bulk Cable Weight: | 30 lbs/1000ft |

Standards and Compliance

| | |
|----------------------------------|--|
| Environmental Suitability: | Indoor - Riser, Indoor |
| Flammability / Reaction to Fire: | UL1666 Riser, FT4, IEEE 1202 FT4 |
| NEC / UL Compliance: | Article 800, CMR |
| CEC / C(UL) Compliance: | CMG |
| 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) |
| Plenum Number: | 6543UE |

History

| | |
|----------------------|--|
| Update and Revision: | Revision Number: 0.297 Revision Date: 05-31-2024 |
|----------------------|--|

Part Numbers

Variants

| Item # | Color | UPC |
|-----------------|-------|--------------|
| 5543UE 0081000 | Gray | 612825164395 |
| 5543UE 008U1000 | Gray | 612825164388 |

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