



Product: [5524UE](#)

Security & Sound, #22-6c, BC, CMR

Product Description

Security & Sound Cable, Riser-CMR, 6-22 AWG solid bare copper conductors with PVC insulation, PVC 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) | 6 | 22 AWG | Solid | BC - Bare Copper |

Insulation

| Element | Material | Nom. Thickness | Nom. Insulation Diameter | Color Code |
|--------------|--------------------------|-------------------|--------------------------|---------------------------------------|
| Conductor(s) | PVC - Polyvinyl Chloride | 0.01 in (0.25 mm) | 0.046 in (1.2 mm) | Black, Red, White, Green, Brown, Blue |

Outer Shield

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

Outer Jacket

| Material | Nom. Thickness | Nom. Diameter | Ripcord |
|--------------------------|--------------------|---------------|---------|
| PVC - Polyvinyl Chloride | 0.017 in (0.43 mm) | 0.172 in | Yes |

| | |
|-----------------------------------|----------|
| Overall Cable Diameter (Nominal): | 0.172 in |
|-----------------------------------|----------|

Electrical Characteristics

Electricals

| Element | Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Max. Current |
|--------------|--------------------|-------------------------------|--------------------------------|
| Conductor(s) | 18.4 Ohm/1000ft | 24 pF/ft (79 pF/m) | 1.9 Amps per Conductor at 25°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. |
|-------------------|-------------------|
| 1.72 in (43.7 mm) | 1.72 in |

| | |
|--------------------|--------------------|
| Max. Pull Tension: | 46.8 lbs (21.2 kg) |
| Bulk Cable Weight: | 20 lbs/1000ft |

Standards and Compliance

| | |
|----------------------------------|--|
| Environmental Suitability: | Indoor |
| Flammability / Reaction to Fire: | UL1666 Riser, 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: | 6524UE |

History

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| Update and Revision: | Revision Number: 0.295 Revision Date: 05-05-2023 |
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Part Numbers

Variants

| Item # | Color | UPC |
|----------------|-------|--------------|
| 5524UE 0081000 | Gray | 612825337201 |
| 5524UE 008C500 | Gray | |

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