



Product: [5405UE](#)

Security & Sound, #20-7c, BC, CMR

Product Description

Security & Sound Cable, Riser-CMR, 7-20 AWG stranded bare copper conductors with polyolefin 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 |
|--------------|-----------------|------|-----------|------------------|
| Conductor(s) | 7 | 20 | 7x28 | BC - Bare Copper |

Insulation

| Material | Nom. Thickness | Nom. Insulation Diameter | Color Code |
|--------------------|--------------------|--------------------------|---|
| PP - Polypropylene | 0.008 in (0.20 mm) | 0.062 in (1.6 mm) | Black, Red, White, Green, Brown, Blue, Orange |

Outer Jacket

| Material | Nom. Thickness | Nom. Diameter | Ripcord |
|--------------------------|--------------------|---------------|---------|
| PVC - Polyvinyl Chloride | 0.018 in (0.46 mm) | 0.192 in | Yes |

Electrical Characteristics

Electricals

| Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Max. Current |
|--------------------|-------------------------------|--------------------------------|
| 10.82 Ohm/1000ft | 21 pF/ft (69 pF/m) | 2.6 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. |
|-------------------|-------------------|
| 1.92 in (48.8 mm) | 1.92 in |

| | |
|--------------------|----------------------|
| Max. Pull Tension: | 109.2 lbs (49.53 kg) |
| Bulk Cable Weight: | 33 lbs/1000ft |

Standards and Compliance

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

| | |
|----------------------------------|--|
| 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: | 6405UE |

History

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|----------------------|--|
| Update and Revision: | Revision Number: 0.297 Revision Date: 05-05-2023 |
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Part Numbers

Variants

| Item # | Color | UPC |
|----------------|-------|--------------|
| 5405UE 0081000 | Gray | 612825162261 |

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