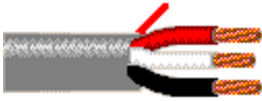


Part Number: 5201UE

Security & Sound, 3 Conductor 16 AWG, BC, Unshielded, CMR



Product Description

Security & Commercial Audio Cable, Riser-CMR, 3-16 AWG stranded bare copper conductors with polyolefin insulation, PVC jacket with ripcord

Technical Specifications

Product Overview

| | |
|------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Environmental Space: | Indoor - Riser |
| Suitable Applications: | Addressable Fire Systems, Data Circuits, Monitor/Detection, Control Circuits, Initiating Circuits, Notification Circuits |

Physical Characteristics (Overall)

Conductor

| AWG | Stranding | Material | No. of Conductors |
|-----|-----------|------------------|-------------------|
| 16 | 19x29 | BC - Bare Copper | 3 |

| | |
|------------------|--------|
| Conductor Count: | 3 |
| Conductor Size: | 16 AWG |

Insulation

| Material | Nominal Wall Thickness |
|--------------------|------------------------|
| PP - Polypropylene | 0.008 in |

Color Chart

| Number | Color |
|--------|-------|
| 1 | Black |
| 2 | Red |
| 3 | White |

Outer Shield Material

| Material |
|------------|
| Unshielded |

Outer Jacket Material

| Material | Nominal Diameter | Nominal Wall Thickness | Ripcord |
|--------------------------|------------------|------------------------|---------|
| PVC - Polyvinyl Chloride | 0.191 in | 0.017 in | Yes |

Construction and Dimensions

Cabling

| Twists | |
|---------------|--------------------------------------------------------------------------------------------------------------|
| 3 twist/ft | |
| Print Legend: | NEW GENERATION(R) BY BELDEN-M 5201UE CMR 75C 3C16 (UL) E108998 OR C(UL) CMG (2 FT., 7 DIGIT SEQUENTIAL) FEET |

Electrical Characteristics

Conductor DCR

| Nominal Conductor DCR |
|-----------------------|
| 4.2 Ohm/1000ft |

Capacitance

Nom. Capacitance Conductor to Conductor

23.5 pF/ft

Shielding: Multiple or Specialty

Current**Max. Recommended Current [A]**

6.25 Amps per conductor @ 25°C

Voltage**UL Voltage Rating**

300 V RMS

Temperature Range

UL Temp Rating: 75°C

Operating Temp Range: -20°C To +75°C

Mechanical Characteristics

Bulk Cable Weight: 34.4 lbs/1000ft

Max Recommended Pulling Tension: 88 lbs

Min Bend Radius/Minor Axis: 1.875 in

Standards

NEC Articles: 800

NEC/(UL) Specification: CMR

CEC/C(UL) Specification: CMG

CPR Euroclass: Eca

Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV): Yes

EU Directive 2003/96/EC (BFR): Yes

EU Directive 2011/65/EU (ROHS II): Yes

EU Directive 2012/19/EU (WEEE): Yes

EU Directive Compliance: EU Directive 2003/11/EC (BFR)

EU CE Mark: Yes

EU RoHS Compliance Date (yyyy-mm-dd): 2005-04-01

CA Prop 65 (CJ for Wire & Cable): Yes

MII Order #39 (China RoHS): Yes

Flammability, LS0H, Toxicity Testing

C(UL) Flammability: FT4

UL Flammability: UL1666 Vertical Riser

UL voltage rating: 300 V RMS

Plenum/Non-Plenum

Plenum (Y/N): No

Plenum Number: 6201UE

Part Number**Variants**

| Item # | Color | Footnote |
|-----------------|-------|----------|
| 5201UE.00305 | Gray | |
| 5201UE.00U305 | Gray | |
| 5201UE 0081000 | Gray | C |
| 5201UE 008500 | Gray | |
| 5201UE 008U1000 | Gray | |

Footnote: C - CRATE REEL PUT-UP.

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