

Part Number: 5403UE

Security & Sound, #20-5c, BC, CMR



Product Description

Security & Sound Cable, Riser-CMR, 5-20 AWG stranded bare copper conductors with polyolefin insulation, PVC jacket with ripcord

Technical Specifications

Product Overview

| | |
|------------------------|--|
| Suitable Applications: | Security Systems, Intercom/PA Systems, Sound/Audio Systems, Power Limited Controls, and Single Line Telephone. |
|------------------------|--|

Physical Characteristics (Overall)

Conductor

| AWG | Stranding | Material | No. of Conductors |
|-----|-----------|------------------|-------------------|
| 20 | 7x28 | BC - Bare Copper | 5 |

| | |
|------------------|--------|
| Conductor Count: | 5 |
| Conductor Size: | 20 AWG |

Insulation

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

Color Chart

| Number | Color |
|--------|-------|
| 1 | Black |
| 2 | Red |
| 3 | White |
| 4 | Green |
| 5 | Brown |

Outer Shield Material

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

Outer Jacket Material

| Material | Nominal Diameter | Nominal Wall Thickness | Ripcord |
|--------------------------|------------------|------------------------|---------|
| PVC - Polyvinyl Chloride | 0.169 in | 0.017 in | Yes |

Construction and Dimensions

| | |
|---------------|--|
| Print Legend: | NEW GENERATION(R) BY BELDEN-M 5403UE CMR 75C 5C20 (UL) E108998 OR C(UL) CMG (2 FT., 7 DIGIT SEQUENTIAL) FEET |
|---------------|--|

Electrical Characteristics

Conductor DCR

| Nominal Conductor DCR |
|-----------------------|
| 10.2 Ohm/1000ft |

Capacitance

| Nom. Capacitance Conductor to Conductor |
|---|
| 20 pF/ft |

| | |
|------------|------------|
| Shielding: | Unshielded |
|------------|------------|

Current

Max. Recommended Current [A]

3 Amps per conductor @ 25°C A

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: | 25.6 lbs/1000ft |
| Max Recommended Pulling Tension: | 63 lbs |
| Min Bend Radius/Minor Axis: | 1.8 in |

Standards

| | |
|--------------------------|-----|
| NEC Articles: | 800 |
| NEC/(UL) Specification: | CMR |
| CEC/C(UL) Specification: | CMG |

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 Riser |
| UL voltage rating: | 300 V RMS |

Plenum/Non-Plenum

| | |
|----------------|--------|
| Plenum (Y/N): | No |
| Plenum Number: | 6403UE |

Part Number

Variants

| Item # | Color |
|----------------|-------|
| 5403UE 0081000 | Gray |

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