



**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     |

**Electrical Characteristics**

**Conductor DCR**

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

**Capacitance**

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

**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, LSOH, 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 | UPC          |
|----------------|-------|--------------|
| 5403UE 0081000 | Gray  | 612825162230 |

**History**

|                      |  |
|----------------------|--|
| Update and Revision: | Revision Number: 0.205 Revision Date: 07-11-2019 |
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