



Product: [5503UE](#)

Security & Sound, #22-5c, BC, CMR

**Product Description**

Security & Sound Cable, Riser-CMR, 5-22 AWG stranded 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      | No. of Elements | Size | Stranding | Material         |
|--------------|-----------------|------|-----------|------------------|
| Conductor(s) | 5               | 22   | 7x30      | BC - Bare Copper |

**Insulation**

| Material                 | Nom. Thickness     | Nom. Insulation Diameter | Color Code                      |
|--------------------------|--------------------|--------------------------|---------------------------------|
| PVC - Polyvinyl Chloride | 0.008 in (0.20 mm) | 0.047 in (1.2 mm)        | Black, Red, White, Green, Brown |

**Outer Jacket**

| Material                 | Nom. Thickness     | Nom. Diameter | Ripcord |
|--------------------------|--------------------|---------------|---------|
| PVC - Polyvinyl Chloride | 0.017 in (0.43 mm) | 0.154 in      | Yes     |

**Electrical Characteristics**

**Electricals**

| Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Max. Current                   |
|--------------------|-------------------------------|--------------------------------|
| 17.24 Ohm/1000ft   | 25 pF/ft (82 pF/m)            | 2.2 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. |
|-------------------|-------------------|
| 1.54 in (39.1 mm) | 1.54 in           |

|                    |                    |
|--------------------|--------------------|
| Max. Pull Tension: | 45.5 lbs (20.6 kg) |
| Bulk Cable Weight: | 18 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)                                              |

History

|                      |                                                  |
|----------------------|--------------------------------------------------|
| Update and Revision: | Revision Number: 0.294 Revision Date: 02-03-2025 |
|----------------------|--------------------------------------------------|

Part Numbers

Variants

| Item #          | Color | UPC          | Footnote |
|-----------------|-------|--------------|----------|
| 5503UE 0081000  | Gray  | 612825163732 | C        |
| 5503UE 008U1000 | Gray  | 612825163725 |          |

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