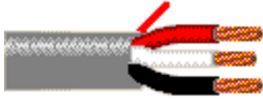




Product: [5501UE](#)



Security & Sound, 3 Conductor 22 AWG BC, Riser

## Product Description

Security & Commercial Audio Cable, 3 Conductor 22 AWG stranded (7x30) bare copper conductors with polyolefin insulation, Riser, PVC jacket with ripcord.

## Technical Specifications

### Product Overview

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

### Construction Details

#### Conductor

| Element      | No. of Elements | Size   | Stranding | Material         |
|--------------|-----------------|--------|-----------|------------------|
| Conductor(s) | 3               | 22 AWG | 7x30      | BC - Bare Copper |

#### Insulation

| Element      | Material           | Nom. Thickness     | Nom. Insulation Diameter | Color Code        |
|--------------|--------------------|--------------------|--------------------------|-------------------|
| Conductor(s) | PP - Polypropylene | 0.008 in (0.20 mm) | 0.045 in (1.1 mm)        | Black, Red, White |

#### Outer Shield

|                 |
|-----------------|
| <b>Material</b> |
| No Shield       |

#### Outer Jacket

| Material                 | Nom. Thickness     | Nom. Diameter | Ripcord |
|--------------------------|--------------------|---------------|---------|
| PVC - Polyvinyl Chloride | 0.017 in (0.43 mm) | 0.13 in       | Yes     |

|                                   |         |
|-----------------------------------|---------|
| Overall Cable Diameter (Nominal): | 0.13 in |
|-----------------------------------|---------|

### Electrical Characteristics

#### Electricals

| Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Max. Current                   |
|--------------------|-------------------------------|--------------------------------|
| 16.2 Ohm/1000ft    | 17 pF/ft (56 pF/m)            | 2.8 Amps per Conductor at 25°C |

#### Voltage

|                          |
|--------------------------|
| <b>UL Voltage Rating</b> |
| 300 V                    |

### Mechanical Characteristics

#### Temperature

| UL Temperature | Operating      |
|----------------|----------------|
| 75°C           | -20°C To +75°C |

#### Bend Radius

| Stationary Min. | Installation Min. |
|-----------------|-------------------|
| 1.3 in (33 mm)  | 1.3 in            |

|                    |                    |
|--------------------|--------------------|
| Max. Pull Tension: | 27.3 lbs (12.4 kg) |
|--------------------|--------------------|

|                    |               |
|--------------------|---------------|
| Bulk Cable Weight: | 11 lbs/1000ft |
|--------------------|---------------|

## Standards and Compliance

|                                  |  |
|----------------------------------|--|
| Environmental Suitability:       | Indoor - Riser, Indoor   |
| Flammability / Reaction to Fire: | UL1666 Riser, FT4  |
| CPR Compliance:                  | CPR Euroclass: Eca   |
| 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) |
| UK Regulation Compliance:        | UKCA Mark  |
| APAC Compliance:                 | China RoHS II (GB/T 26572-2011)  |
| Plenum Number:                   | 6501UE   |

## History

|                      |  |
|----------------------|--|
| Update and Revision: | Revision Number: 0.364 Revision Date: 02-03-2025 |
|----------------------|--|

## Part Numbers

### Variants

| Item #          | Color  | Putup Type   | Length   | UPC/EAN       | Footnote |
|-----------------|--------|--------------|----------|---------------|----------|
| 5501UE.00U305   | Chrome | Reel         | 305 m    | 8719605008664 |          |
| 5501UE 0081000  | Gray   | Reel         | 1,000 ft | 612825163244  | C        |
| 5501UE 008U1000 | Gray   | UnReel       | 1,000 ft | 612825425878  |          |
| 5501UE 008Z1000 | Gray   | ReelTuff Box | 1,000 ft | 612825163268  |          |

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