
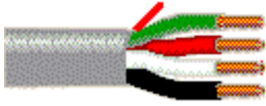


Product: [5522UE](#) 



Security & Sound, 4 Conductor 22 AWG BC, Riser

## Product Description

Security & Commercial Audio Cable, 4 Conductor 22 AWG solid 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, and Single Line Telephone. |
|------------------------|--|

### Physical Characteristics (Overall)

#### Conductor

| AWG | Stranding | Material         | No. of Conductors |
|-----|-----------|------------------|-------------------|
| 22  | Solid     | BC - Bare Copper | 4                 |

|                  |   |
|------------------|---|
| Conductor Count: | 4 |
|------------------|---|

#### Insulation

| Material           | Nominal Wall Thickness |
|--------------------|------------------------|
| PP - Polypropylene | 0.007 in               |

#### Color Chart

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

#### Outer Shield Material

| Material  |
|-----------|
| No Shield |

#### Outer Jacket Material

| Material                 | Nominal Diameter | Nominal Wall Thickness | Ripcord |
|--------------------------|------------------|------------------------|---------|
| PVC - Polyvinyl Chloride | 0.13 in          | 0.017 in               | Yes     |

### Electrical Characteristics

#### Conductor DCR

| Nominal Conductor DCR |
|-----------------------|
| 15.7 Ohm/1000ft       |

#### Capacitance

| Nom. Capacitance Conductor to Conductor |
|---|
| 19 pF/ft                                |

#### Current

| Max. Recommended Current [A]   |
|--------------------------------|
| 2.2 Amps per Conductor at 25°C |

## Voltage

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

## Temperature Range

|                       |                |
|-----------------------|----------------|
| UL Temp Rating:       | 75°C           |
| Operating Temp Range: | -20°C To +75°C |

## Mechanical Characteristics

|                             |                 |
|-----------------------------|-----------------|
| Bulk Cable Weight:          | 14.3 lbs/1000ft |
| Max. Pull Tension:          | 31.2 lbs        |
| Min Bend Radius/Minor Axis: | 1.3 in          |

## Standards

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

## Applicable Environmental and Other Programs

|                                       |                               |
|---------------------------------------|-------------------------------|
| Environmental Space:                  | Indoor - Riser                |
| 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 2015/863/EU:             | Yes                           |
| EU Directive Compliance:              | EU Directive 2003/11/EC (BFR) |
| EU CE Mark:                           | Yes                           |
| EU RoHS Compliance Date (yyyy-mm-dd): | 2005-04-01                    |
| MII Order #39 (China RoHS):           | Yes                           |

## Flammability, LSOH, Toxicity Testing

|                     |                       |
|---------------------|-----------------------|
| C(UL) Flammability: | FT4                   |
| UL Flammability:    | UL1666 Vertical Shaft |
| UL voltage rating:  | 300 V RMS             |

## Plenum/Non-Plenum

|                |        |
|----------------|--------|
| Plenum (Y/N):  | No     |
| Plenum Number: | 6522UE |

## Part Number

### Variants

| Item #          | Color | Putup Type   | Length   | UPC          |
|-----------------|-------|--------------|----------|--------------|
| 5522UE 0081000  | Gray  | Reel         | 1,000 ft | 612825164142 |
| 5522UE 008U1000 | Gray  | UnReel       | 1,000 ft | 612825426189 |
| 5522UE 008Z1000 | Gray  | ReelTuff Box | 1,000 ft | 612825164166 |

|           |                        |
|-----------|------------------------|
| Footnote: | C - CRATE REEL PUT-UP. |
|-----------|------------------------|

## History

|                      |  |
|----------------------|--|
| Update and Revision: | Revision Number: 0.271 Revision Date: 06-24-2020 |
|----------------------|--|

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