



**Product:** [6501UH](#)

Security & Sound, 3 Conductor 22 AWG, TC, CMP

**Product Description**

Security & Commercial Audio Cable, 3 Conductor 22 AWG stranded (7x30) tinned copper conductors with Flamarrest® insulation, Flamarrest® jacket with ripcord, Plenum rated.

**Technical Specifications**

**Product Overview**

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

**Construction Details**

**Conductor**

| Element  | Number of Element | Size   | Stranding | Material           |
|----------|-------------------|--------|-----------|--------------------|
| Triad(s) | 1                 | 22 AWG | 7x30      | TC - Tinned Copper |

**Insulation**

| Element  | Material                 | Nom. Thickness      | Nom. Insulation Diameter | Color Code        |
|----------|--------------------------|---------------------|--------------------------|-------------------|
| Triad(s) | PVC - Polyvinyl Chloride | 0.0095 in (0.24 mm) | 0.048 in (1.2 mm)        | Black& Red& White |

**Outer Shield**

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

**Outer Jacket**

| Material                 | Nom. Thickness     | Nom. Diameter | Ripcord |
|--------------------------|--------------------|---------------|---------|
| PVC - Polyvinyl Chloride | 0.015 in (0.38 mm) | 0.133 in      | Yes     |

|                                   |          |
|-----------------------------------|----------|
| Overall Cable Diameter (Nominal): | 0.133 in |
|-----------------------------------|----------|

**Electrical Characteristics**

**Electricals**

| Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Max. Current                   |
|--------------------|-------------------------------|--------------------------------|
| 17.9 Ohm/1000ft    | 25 pF/ft (82 pF/m)            | 2.8 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. |
|-------------------|-------------------|
| 1.33 in (33.8 mm) | 1.33 in           |

|                    |                    |
|--------------------|--------------------|
| Max. Pull Tension: | 27.3 lbs (12.4 kg) |
| Bulk Cable Weight: | 12 lbs/1000ft      |

## Standards and Compliance

|                                  |   |
|----------------------------------|---|
| Environmental Suitability:       | Indoor - Plenum, Indoor   |
| Flammability / Reaction to Fire: | NFPA 262 (UL 910), FT6  |
| NEC / UL Compliance:             | Article 800, CMP  |
| CEC / C(UL) Compliance:          | CMP   |
| European Directive Compliance:   | EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE) |
| APAC Compliance:                 | China RoHS II (GB/T 26572-2011)   |
| Non-Plenum Number:               | 5501UH  |

## History

|                      |   |
|----------------------|---|
| Update and Revision: | Revision Number: 0.47 Revision Date: 12-21-2021 |
|----------------------|---|

## Part Numbers

### Variants

| Item #         | Color   | Putup Type | Length   | UPC          |
|----------------|---------|------------|----------|--------------|
| 6501UH 8771000 | Natural | Reel       | 1,000 ft | 612825177562 |

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