



Product: [6201UH](#)

Security & Sound, 3 Conductor 16 AWG TC, CMP

Product Description

Security & Alarm Cable, 3 Conductor 16 AWG stranded (19x29) tinned copper conductors with Flamarrest® insulation, plenum CMP rating and Flamarrest® low smoke PVC jacket with ripcord.

Technical Specifications

Product Overview

|                        |                                                                    |
|------------------------|--------------------------------------------------------------------|
| Suitable Applications: | Commercial Audio Systems, Intercom/PA Systems, Sound/Audio Systems |
|------------------------|--------------------------------------------------------------------|

Construction Details

Conductor

| Element      | No. of Elements | Size   | Stranding | Material           |
|--------------|-----------------|--------|-----------|--------------------|
| Conductor(s) | 3               | 16 AWG | 19x29     | TC - Tinned Copper |

Insulation

| Element      | Material                 | Nom. Thickness     | Nom. Insulation Diameter | Color Code        |
|--------------|--------------------------|--------------------|--------------------------|-------------------|
| Conductor(s) | PVC - Polyvinyl Chloride | 0.009 in (0.23 mm) | 0.077 in (2.0 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) | 0.196 in      | Yes     |

|                                   |          |
|-----------------------------------|----------|
| Overall Cable Diameter (Nominal): | 0.196 in |
|-----------------------------------|----------|

Electrical Characteristics

Electricals

| Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Max. Current                    |
|--------------------|-------------------------------|---------------------------------|
| 4.4 Ohm/1000ft     | 34.3 pF/ft (113 pF/m)         | 6.25 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. |
|-------------------|-------------------|
| 1.96 in (49.8 mm) | 1.96 in           |

|                    |                |
|--------------------|----------------|
| Max. Pull Tension: | 88 lbs (40 kg) |
| Bulk Cable Weight: | 34 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 CE Mark, 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:               | 5201UH                                                                                                                    |

History

|                      |                                                 |
|----------------------|-------------------------------------------------|
| Update and Revision: | Revision Number: 0.71 Revision Date: 12-20-2022 |
|----------------------|-------------------------------------------------|

Part Numbers

Variants

| Item #         | Color   | Putup Type | Length   | UPC          |
|----------------|---------|------------|----------|--------------|
| 6201UH 8771000 | Natural | Reel       | 1,000 ft | 612825174226 |

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