



Product: [6001UH](#)

Security & Sound, 3 Conductor 12 AWG TC, PVC Jkt, CL2P

Product Description

Security & Commercial Audio Cable, 3 Conductor 12 AWG stranded (19x25) tinned copper conductors with Flamarrest® insulation, plenum CL2P rating and Flamarrest® low smoke PVC jacket with ripcord.

Technical Specifications

Product Overview

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

Construction Details

Conductor

| Element  | No. of Elements | Size   | Stranding | Material           |
|----------|-----------------|--------|-----------|--------------------|
| Triad(s) | 1               | 12 AWG | 19x25     | TC - Tinned Copper |

Insulation

| Element  | Material                 | Nom. Thickness     | Nom. Insulation Diameter | Color Code          |
|----------|--------------------------|--------------------|--------------------------|---------------------|
| Triad(s) | PVC - Polyvinyl Chloride | 0.010 in (0.25 mm) | 0.111 in (2.82 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) | 0.273 in (6.93 mm) | Yes     |

|                                   |                    |
|-----------------------------------|--------------------|
| Overall Cable Diameter (Nominal): | 0.273 in (6.93 mm) |
|-----------------------------------|--------------------|

Electrical Characteristics

Electricals

| Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Max. Current                  |
|--------------------|-------------------------------|-------------------------------|
| 1.6 Ohm/1000ft     | 36 pF/ft (120 pF/m)           | 20 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. |
|-------------------|-------------------|
| 2.73 in (69.3 mm) | 2.73 in (69.3 mm) |

|                    |                  |
|--------------------|------------------|
| Max. Pull Tension: | 228 lbs (103 kg) |
| Bulk Cable Weight: | 76 lbs/1000ft    |

Standards and Compliance

|                                  |                                                                                                                           |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Environmental Suitability:       | Indoor - Plenum, Indoor                                                                                                   |
| Flammability / Reaction to Fire: | NFPA 262 (UL 910)                                                                                                         |
| NEC / UL Compliance:             | Article 725, CL2P                                                                                                         |
| 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:               | 5001UH                                                                                                                    |

History

|                      |                                                 |
|----------------------|-------------------------------------------------|
| Update and Revision: | Revision Number: 0.74 Revision Date: 01-23-2023 |
|----------------------|-------------------------------------------------|

Part Numbers

Variants

| Item #         | Color   | Putup Type | Length   | UPC          |
|----------------|---------|------------|----------|--------------|
| 6001UH 8771000 | Natural | Reel       | 1,000 ft | 612825171829 |

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