# Product: 6001UE



## Security & Sound, 3 Conductor 12 AWG BC, Plenum

### Product Description

Security & Commercial Audio Cable, 3 Conductor 12 AWG stranded (19x25) bare copper conductors with Flamarrest® insulation, Plenum, Flamarrest® 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 |
|---|---|---|---|---|
| Conductor(s) | 3 | 12 AWG | 19x25 | BC - Bare Copper |

**Insulation**

| Element | Material | Nom. Thickness | Nom. Insulation Diameter | Color Code |
|---|---|---|---|---|
| Conductor(s) | PVC - Polyvinyl Chloride | 0.011 in (0.28 mm) | 0.113 in (2.87 mm) | Black, White, Red |

**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 | Yes |

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

#### Electrical Characteristics

**Electricals**

| Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Max. Current |
|---|---|---|
| 1.6 Ohm/1000ft | 36 pF/ft (120 pF/m) | 12 Amps per Conductor at 25ºC |

**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 |

| | |
|---|---|
| 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 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE) |
| APAC Compliance: | China RoHS II (GB/T 26572-2011) |
| Non-Plenum Number: | 5001UE |

## History

| | |
|---|---|
| Update and Revision: | Revision Number: 0.361 Revision Date: 09-07-2025 |

## Part Numbers

**Variants**

| Item # | Color | Putup Type | Length | UPC | Footnote |
|---|---|---|---|---|---|
| 6001UE 8771000 | Natural | Reel | 1,000 ft | 612825171799 | C |

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

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