



**Product:** [6000UE](#) 

Security & Sound, 2 Conductor 12 AWG BC, CL2P

## Product Description

Security & Commercial Audio Cable, Plenum-CL2P 2-12 AWG stranded bare copper conductors with Flamarrest® insulation, Flamarrest® jacket with ripcord

## Technical Specifications

### Product Overview

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

### Construction Details

#### Conductor

| Element      | Number of Element | Size   | Stranding | Material         |
|--------------|-------------------|--------|-----------|------------------|
| Conductor(s) | 2                 | 12 AWG | 19x25     | BC - Bare Copper |

#### Insulation

| Element      | Material                 | Nom. Thickness     | Color Code   |
|--------------|--------------------------|--------------------|--------------|
| Conductor(s) | PVC - Polyvinyl Chloride | 0.010 in (0.25 mm) | Black, White |

#### Outer Jacket

| Material                 | Nom. Thickness     | Nom. Diameter      | Ripcord |
|--------------------------|--------------------|--------------------|---------|
| PVC - Polyvinyl Chloride | 0.015 in (0.38 mm) | 0.252 in (6.40 mm) | Yes     |

Overall Cable Diameter (Nominal): 0.252 in (6.40 mm)

### Electrical Characteristics

#### Electricals

| Element      | Nom. Conductor DCR          | Nom. Capacitance Cond-to-Cond | Max. Current                 |
|--------------|-----------------------------|-------------------------------|------------------------------|
| Conductor(s) | 1.6 Ohm/1000ft (5.2 Ohm/km) | 36 pF/ft (120 pF/m)           | 12 Amps per conductor @ 25°C |

### Mechanical Characteristics

#### Temperature

| UL Temperature | Operating    |
|----------------|--------------|
| 75°C           | 0°C to +75°C |

#### Bend Radius

| Stationary Min. | Installation Min. |
|-----------------|-------------------|
| 2.5 in (64 mm)  | 2.5 in (64 mm)    |

|                    |                          |
|--------------------|--------------------------|
| Max. Pull Tension: | 152 lbs (68.9 kg)        |
| Bulk Cable Weight: | 52 lbs/1000ft (77 kg/km) |

### Standards and Compliance

|                                  |                                          |
|----------------------------------|------------------------------------------|
| Environmental Suitability:       | Indoor - Plenum, Indoor                  |
| Flammability / Reaction to Fire: | NFPA 262, UL 910 (Plenum), IEC 60332-1-2 |
| CPR Compliance:                  | CPR Euroclass: Eca                       |
| 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:             | 5000UH                                                                                                                    |

History

|                      |                                                  |
|----------------------|--------------------------------------------------|
| Update and Revision: | Revision Number: 0.339 Revision Date: 04-08-2022 |
|----------------------|--------------------------------------------------|

Part Numbers

Variants

| Item #          | Color   | Putup Type   | Length   | UPC          |
|-----------------|---------|--------------|----------|--------------|
| 6000UE 010Z500  | Black   | ReelTuff Box | 500 ft   | 612825166108 |
| 6000UE 010I1000 | Black   | Reel         | 1,000 ft | 612825432913 |
| 6000UE 010Z1000 | Black   | ReelTuff Box | 1,000 ft | 612825434108 |
| 6000UE 010Z1000 | Black   | ReelTuff Box | 1,000 ft | 612825434108 |
| 6000UE 877500   | Natural | Reel         | 500 ft   | 612825383116 |
| 6000UE 877Z500  | Natural | ReelTuff Box | 500 ft   | 612825166122 |
| 6000UE 877I1000 | Natural | Reel         | 1,000 ft | 612825166115 |
| 6000UE 877Z1000 | Natural | ReelTuff Box | 1,000 ft | 612825434122 |
| 6000UE 877Z1000 | Natural | ReelTuff Box | 1,000 ft | 612825434122 |
| 6000UE 012I1000 | Pink    | Reel         | 1,000 ft | 612825337904 |

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