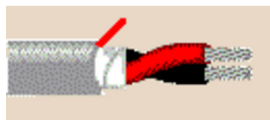


**Product:** [5000U1](#) 



Security & Sound, 2 Conductor-12 AWG TC, CL3

## Product Description

Security & Commercial Audio Cable, 2 Conductor 12 AWG stranded (19x25) tinned copper conductors with PVC insulation, Waterblocking tape, CL3, 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           |
|--------------|-----------------|--------|-----------|--------------------|
| Conductor(s) | 2               | 12 AWG | 19x25     | TC - Tinned Copper |

#### Insulation

| Element      | Material                 | Nom. Thickness     | Nom. Insulation Diameter | Color Code   |
|--------------|--------------------------|--------------------|--------------------------|--------------|
| Conductor(s) | PVC - Polyvinyl Chloride | 0.014 in (0.36 mm) | 0.119 in (3.02 mm)       | Black, White |

#### Outer Shield

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

#### Outer Jacket

| Material                 | Nom. Thickness     | Nom. Diameter |
|--------------------------|--------------------|---------------|
| PVC - Polyvinyl Chloride | 0.025 in (0.64 mm) | 0.320 in      |

|                                   |          |
|-----------------------------------|----------|
| Overall Cable Diameter (Nominal): | 0.320 in |
|-----------------------------------|----------|

### Electrical Characteristics

#### Electricals

| Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Nom. Inductance        | Max. Current                  |
|--------------------|-------------------------------|------------------------|-------------------------------|
| 1.7 Ohm/1000ft     | 32 pF/ft (100 pF/m)           | 0.15 µH/ft (0.49 µH/m) | 12 Amps per Conductor at 25°C |

#### Voltage

| UL Voltage Rating |
|-------------------|
| 300 V             |

### Mechanical Characteristics

#### Temperature

| UL Temperature | Operating      |
|----------------|----------------|
| 105°C          | -30°C to 105°C |

#### Bend Radius

| Stationary Min. | Installation Min. |
|-----------------|-------------------|
| 3.2 in (81 mm)  | 3.2 in            |

|                    |                   |
|--------------------|-------------------|
| Max. Pull Tension: | 152 lbs (68.9 kg) |
| Bulk Cable Weight: | 59 lbs/1000ft     |

Standards and Compliance

|                                  |                                                                                                                           |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Environmental Suitability:       | Outdoor - Water Exposure, Indoor, Outdoor                                                                                 |
| Flammability / Reaction to Fire: | UL1685 UL Loading                                                                                                         |
| NEC / UL Compliance:             | Article 725, CL3                                                                                                          |
| 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)                                                                                           |

History

|                      |                                                  |
|----------------------|--------------------------------------------------|
| Update and Revision: | Revision Number: 0.397 Revision Date: 09-07-2025 |
|----------------------|--------------------------------------------------|

Part Numbers

Variants

| Item #         | Color | Putup Type | Length   | UPC          |
|----------------|-------|------------|----------|--------------|
| 5000U1 0101000 | Black | Reel       | 1,000 ft | 612825154785 |
| 5000U1 0081000 | Gray  | Reel       | 1,000 ft | 612825154778 |

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