

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 |
|------------------------|------------------------------------------|

Physical Characteristics (Overall)

Conductor

| AWG | Stranding | Material           | No. of Conductors |
|-----|-----------|--------------------|-------------------|
| 12  | 19x25     | TC - Tinned Copper | 2                 |

|                  |   |
|------------------|---|
| Conductor Count: | 2 |
|------------------|---|

Insulation

| Material                 | Nominal Wall Thickness |
|--------------------------|------------------------|
| PVC - Polyvinyl Chloride | 0.014 in               |

Color Chart

| Number | Color |
|--------|-------|
| 1      | Black |
| 2      | White |

Outer Shield

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

Outer Jacket

| Material                 | Nominal Diameter | Nominal Wall Thickness |
|--------------------------|------------------|------------------------|
| PVC - Polyvinyl Chloride | 0.320 in         | 0.025 in               |

Electrical Characteristics

Capacitance

| Nom. Capacitance Conductor to Conductor |
|-----------------------------------------|
| 32 pF/ft                                |

Inductance

| Nominal Inductance |
|--------------------|
| 0.15 µH/ft         |

Voltage

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

Temperature Range

|                       |                |
|-----------------------|----------------|
| UL Temp Rating:       | 105°C          |
| Operating Temp Range: | -30°C to 105°C |

Mechanical Characteristics

|                              |               |
|------------------------------|---------------|
| Bulk Cable Weight:           | 59 lbs/1000ft |
| Max. Pull Tension:           | 152 lbs       |
| Min. Bend Radius/Minor Axis: | 3.25 in       |

Standards

|                      |             |
|----------------------|-------------|
| NEC Articles:        | Article 725 |
| NEC/(UL) Compliance: | CL3         |

Applicable Environmental and Other Programs

|                                              |                               |
|----------------------------------------------|-------------------------------|
| Environmental Space:                         | Indoor/Outdoor                |
| EU Directive 2000/53/EC (ELV):               | Yes                           |
| EU Directive 2011/65/EU (RoHS 2):            | Yes                           |
| EU Directive 2012/19/EU (WEEE):              | Yes                           |
| EU Directive 2015/863/EU (RoHS 2 amendment): | Yes                           |
| EU Directive Compliance:                     | EU Directive 2003/11/EC (BFR) |
| EU CE Mark:                                  | Yes                           |

Suitability

|                        |     |
|------------------------|-----|
| Suitability - Indoor:  | Yes |
| Suitability - Outdoor: | Yes |

Flammability, LS0H, Toxicity Testing

|                    |                    |
|--------------------|--------------------|
| UL Flammability:   | UL 1685 UL loading |
| UL voltage rating: | 300 V RMS          |

Plenum/Non-Plenum

|               |    |
|---------------|----|
| Plenum (Y/N): | No |
|---------------|----|

Part Number

Variants

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

History

|                      |                                                  |
|----------------------|--------------------------------------------------|
| Update and Revision: | Revision Number: 0.236 Revision Date: 08-27-2021 |
|----------------------|--------------------------------------------------|

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