



Product: [5T00UP](#)

Audio Cable, 2 Conductor 10 AWG, BC, Unshielded, CL2

Product Description

Audio Cable, Rated-CL2, 2-10 AWG highly flexible stranded bare copper conductors with PVC insulation, PVC jacket with ripcord

Technical Specifications

Product Overview

|                        |                                                                     |
|------------------------|---------------------------------------------------------------------|
| Suitable Applications: | Security System, Intercom/PA, Audio/Speaker, Power-Limited Controls |
|------------------------|---------------------------------------------------------------------|

Construction Details

Conductor

| Element      | No. of Elements | Size   | Stranding | Material         |
|--------------|-----------------|--------|-----------|------------------|
| Conductor(s) | 2               | 10 AWG | 65x28     | BC - Bare Copper |

Insulation

| Element      | Material                 | Nom. Thickness     | Nom. Insulation Diameter | Color Code   |
|--------------|--------------------------|--------------------|--------------------------|--------------|
| Conductor(s) | PVC - Polyvinyl Chloride | 0.020 in (0.51 mm) | 0.152 in (3.86 mm)       | Black, White |

Outer Jacket

| Material                 | Nom. Thickness     | Nom. Diameter      | Ripcord |
|--------------------------|--------------------|--------------------|---------|
| PVC - Polyvinyl Chloride | 0.026 in (0.66 mm) | 0.356 in (9.04 mm) | Yes     |

|                                   |                    |
|-----------------------------------|--------------------|
| Overall Cable Diameter (Nominal): | 0.356 in (9.04 mm) |
|-----------------------------------|--------------------|

Electrical Characteristics

Electricals

| Element      | Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Max. Current                   |
|--------------|--------------------|-------------------------------|--------------------------------|
| Conductor(s) | 1.03 Ohm/1000ft    | 26 pF/ft (85 pF/m)            | 27.8 Amps per conductor @ 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. |
|-----------------|-------------------|
| 3.6 in (91 mm)  | 3.6 in (91 mm)    |

|                    |                  |
|--------------------|------------------|
| Max. Pull Tension: | 260 lbs (120 kg) |
| Bulk Cable Weight: | 91 lbs/1000ft    |

Standards and Compliance

|                                  |                                                                              |
|----------------------------------|------------------------------------------------------------------------------|
| Environmental Suitability:       | Indoor (Not Riser or Plenum), Indoor                                         |
| Flammability / Reaction to Fire: | UL 1685 UL loading , IEC 60332-1-2                                           |
| CPR Compliance:                  | CPR Euroclass: Eca                                                           |
| NEC / UL Compliance:             | Article 725, CL2                                                             |
| European Directive Compliance:   | EU CE Mark, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE) |
| UK Regulation Compliance:        | UKCA Mark                                                                    |
| APAC Compliance:                 | China RoHS II (GB/T 26572-2011)                                              |
| Plenum Number:                   | 6T00UP                                                                       |

History

|                      |                                                  |
|----------------------|--------------------------------------------------|
| Update and Revision: | Revision Number: 0.487 Revision Date: 02-03-2025 |
|----------------------|--------------------------------------------------|

Part Numbers

Variants

| Item #         | Color | Putup Type | Length   | UPC          | Footnote |
|----------------|-------|------------|----------|--------------|----------|
| 5T00UP 0101000 | Black | Reel       | 1,000 ft | 612825437871 | C        |
| 5T00UP 0105000 | Black | Reel       | 5,000 ft |              |          |
| 5T00UP 008500  | Gray  | Reel       | 500 ft   | 612825154495 | C        |
| 5T00UP 0081000 | Gray  | Reel       | 1,000 ft | 612825154488 | C        |

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