



Product: [5002UP](#)

Audio Cable, 4 Conductor 12 AWG, BC, CL3

### Product Description

Audio Cable, 4 Conductor 12 AWG, highly flexible stranded (65x30) bare copper conductors with PVC insulation, CL3, PVC jacket with ripcord

### Technical Specifications

#### Product Overview

|                        |                         |
|------------------------|-------------------------|
| Suitable Applications: | High Flex Audio/Speaker |
|------------------------|-------------------------|

#### Construction Details

##### Conductor

| Element      | No. of Elements | Size   | Stranding | Material         |
|--------------|-----------------|--------|-----------|------------------|
| Conductor(s) | 4               | 12 AWG | 65x30     | BC - Bare Copper |

##### Insulation

| Element      | Material                 | Nom. Thickness     | Nom. Insulation Diameter | Color Code               |
|--------------|--------------------------|--------------------|--------------------------|--------------------------|
| Conductor(s) | PVC - Polyvinyl Chloride | 0.023 in (0.58 mm) | 0.138 in (3.51 mm)       | Black, White, Red, Green |

##### Outer Shield

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

##### Outer Jacket

| Material                 | Nom. Thickness     | Nom. Diameter      | Ripcord |
|--------------------------|--------------------|--------------------|---------|
| PVC - Polyvinyl Chloride | 0.022 in (0.56 mm) | 0.377 in (9.58 mm) | Yes     |

|                                   |                    |
|-----------------------------------|--------------------|
| Overall Cable Diameter (Nominal): | 0.377 in (9.58 mm) |
|-----------------------------------|--------------------|

#### Electrical Characteristics

##### Electricals

| Element      | Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Max. Current                 |
|--------------|--------------------|-------------------------------|------------------------------|
| Conductor(s) | 1.56 Ohm/1000ft    | 32 pF/ft (100 pF/m)           | 24 Amps per conductor @ 30°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. |
|-----------------|-------------------|
| 3.7 in (94 mm)  | 3.7 in (94 mm)    |

|                    |                  |
|--------------------|------------------|
| Max. Pull Tension: | 338 lbs (153 kg) |
|--------------------|------------------|

|                    |                |
|--------------------|----------------|
| Bulk Cable Weight: | 113 lbs/1000ft |
|--------------------|----------------|

## Standards and Compliance

|                                  |  |
|----------------------------------|--|
| Environmental Suitability:       | Indoor (Not Riser or Plenum)   |
| Flammability / Reaction to Fire: | UL 1685 UL loading   |
| NEC / UL Compliance:             | Article 725, CL3   |
| 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)  |

## History

|                      |  |
|----------------------|--|
| Update and Revision: | Revision Number: 0.508 Revision Date: 04-13-2023 |
|----------------------|--|

## Part Numbers

### Variants

| Item #         | Color       | Putup Type | Length   | UPC          |
|----------------|-------------|------------|----------|--------------|
| 5002UP 010500  | Black       | Reel       | 500 ft   | 612825155720 |
| 5002UP 0101000 | Black       | Reel       | 1,000 ft | 612825155799 |
| 5002UP D15500  | Blue        | Reel       | 500 ft   | 611589226523 |
| 5002UP 008500  | Gray        | Reel       | 500 ft   | 612825155768 |
| 5002UP 0081000 | Gray        | Reel       | 1,000 ft | 612825155751 |
| 5002UP 005500  | Green, Dark | Reel       | 500 ft   | 612825155744 |
| 5002UP 009500  | White       | Reel       | 500 ft   | 612825155782 |
| 5002UP 0091000 | White       | Reel       | 1,000 ft | 612825155775 |

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