



Product: [5300UP](#)

Audio Cable, 2 Conductor 18 AWG, BC, Unshielded, CM



## Product Description

Commercial Audio Cable, Rated-CM, 2-18 AWG highly flexible stranded bare copper conductors with PVC insulation, PVC jacket with ripcord

## Technical Specifications

### Construction Details

#### Conductor

| Element      | No. of Elements | Size   | Stranding | Material         |
|--------------|-----------------|--------|-----------|------------------|
| Conductor(s) | 2               | 18 AWG | 42x34     | BC - Bare Copper |

#### Insulation

| Element      | Material                 | Nom. Thickness     | Nom. Insulation Diameter | Color Code   |
|--------------|--------------------------|--------------------|--------------------------|--------------|
| Conductor(s) | PVC - Polyvinyl Chloride | 0.015 in (0.38 mm) | 0.077 in (2.0 mm)        | Black, White |

#### Outer Shield

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

#### Outer Jacket

| Material                 | Nom. Thickness     | Nom. Diameter | Ripcord |
|--------------------------|--------------------|---------------|---------|
| PVC - Polyvinyl Chloride | 0.015 in (0.38 mm) | 0.184 in      | Yes     |

Overall Cable Diameter (Nominal): 0.184 in

### Electrical Characteristics

#### Electricals

| Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Max. Current                 |
|--------------------|-------------------------------|------------------------------|
| 6.27 Ohm/1000ft    | 27 pF/ft (89 pF/m)            | 5 Amps per Conductor at 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. |
|-------------------|-------------------|
| 1.84 in (46.7 mm) | 1.84 in           |

Max. Pull Tension: 42 lbs (19 kg)

Bulk Cable Weight: 18 lbs/1000ft

### Standards and Compliance

|                                  |                                                                              |
|----------------------------------|------------------------------------------------------------------------------|
| Environmental Suitability:       | Indoor (Not Riser or Plenum), Indoor                                         |
| Flammability / Reaction to Fire: | UL1685 UL Loading                                                            |
| CPR Compliance:                  | CPR Euroclass: Eca                                                           |
| NEC / UL Compliance:             | Article 800, CM                                                              |
| CEC / C(UL) Compliance:          | CM                                                                           |
| 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)                                              |

## History

|                      |                                                  |
|----------------------|--------------------------------------------------|
| Update and Revision: | Revision Number: 0.427 Revision Date: 12-19-2022 |
|----------------------|--------------------------------------------------|

## Part Numbers

### Variants

| Item #          | Color       | Putup Type   | Length   | UPC          | Footnote |
|-----------------|-------------|--------------|----------|--------------|----------|
| 5300UP 0101000  | Black       | Reel         | 1,000 ft | 612825421573 | C        |
| 5300UP 010Z1000 | Black       | ReelTuff Box | 1,000 ft | 612825159322 |          |
| 5300UP D15500   | Blue        | Reel         | 500 ft   | 612825159315 |          |
| 5300UP D151000  | Blue        | Reel         | 1,000 ft | 612825159339 |          |
| 5300UP D15U1000 | Blue        | UnReel       | 1,000 ft | 612825336822 |          |
| 5300UP 0081000  | Gray        | Reel         | 1,000 ft | 612825421566 |          |
| 5300UP 008Z1000 | Gray        | ReelTuff Box | 1,000 ft | 612825159391 |          |
| 5300UP 005U500  | Green, Dark | UnReel       | 500 ft   | 612825159377 |          |
| 5300UP 0051000  | Green, Dark | Reel         | 1,000 ft | 612825159346 |          |
| 5300UP 005U1000 | Green, Dark | UnReel       | 1,000 ft | 612825159353 |          |
| 5300UP 009500   | White       | Reel         | 500 ft   | 612825159384 |          |
| 5300UP 009U1000 | White       | UnReel       | 1,000 ft | 612825159407 |          |

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