



Product: [5000UP](#) 

Audio Cable, 2 Conductor 12 AWG, BC, Unshielded, CL3

Product Description

Audio Cable, Rated-CL3, 2-12 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 | 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 |

Outer Jacket

| Material | Nom. Thickness | Nom. Diameter | Ripcord |
|--------------------------|--------------------|--------------------|---------|
| PVC - Polyvinyl Chloride | 0.018 in (0.46 mm) | 0.312 in (7.92 mm) | Yes |

| | |
|-----------------------------------|--------------------|
| Overall Cable Diameter (Nominal): | 0.312 in (7.92 mm) |
|-----------------------------------|--------------------|

Electrical Characteristics

Electricals

| Element | Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Nom. Inductance | Max. Current |
|--------------|--------------------|-------------------------------|----------------------------------|------------------------------|
| Conductor(s) | 1.56 Ohm/1000ft | 32 pF/ft (100 pF/m) | 0.16 μ H/ft (0.52 μ H/m) | 30 Amps per conductor @ 30°C |

Voltage

| |
|--------------------------|
| UL Voltage Rating |
| 300 V (CL3) |

Mechanical Characteristics

Temperature

| UL Temperature | Operating |
|----------------|----------------|
| 75°C | -20°C to +75°C |

Bend Radius

| Stationary Min. | Installation Min. |
|-----------------|-------------------|
| 3.1 in (79 mm) | 3.1 in (79 mm) |

| | |
|--------------------|-------------------|
| Max. Pull Tension: | 169 lbs (76.7 kg) |
| Bulk Cable Weight: | 59 lbs/1000ft |

Standards and Compliance

| | |
|----------------------------------|--|
| Environmental Suitability: | Indoor (Not Riser or Plenum), Indoor |
| Flammability / Reaction to Fire: | UL 1685 UL loading , FT4, IEEE 1202 FT4, IEC 60332-1-2 |
| CPR Compliance: | CPR Euroclass: Eca |
| 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) |
| UK Regulation Compliance: | UKCA Mark |
| APAC Compliance: | China RoHS II (GB/T 26572-2011) |

History

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| Update and Revision: | Revision Number: 0.492 Revision Date: 09-07-2025 |
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Part Numbers

Variants

| Item # | Color | Putup Type | Length | UPC | Footnote |
|----------------|-------------|------------|----------|--------------|----------|
| 5000UP 010500 | Black | Reel | 500 ft | 612825436508 | |
| 5000UP 010U500 | Black | UnReel | 500 ft | 612825433460 | |
| 5000UP 0101000 | Black | Reel | 1,000 ft | 612825154754 | C |
| 5000UP D15500 | Blue | Reel | 500 ft | 612825336327 | C |
| 5000UP D151000 | Blue | Reel | 1,000 ft | 612825154679 | |
| 5000UP 008500 | Gray | Reel | 500 ft | 612825154723 | C |
| 5000UP 0081000 | Gray | Reel | 1,000 ft | 612825154693 | |
| 5000UP 0051000 | Green, Dark | Reel | 1,000 ft | 612825154686 | C |
| 5000UP 009U500 | White | UnReel | 500 ft | 612825154747 | |
| 5000UP 0091000 | White | Reel | 1,000 ft | 612825154716 | |

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| Footnote: | C - CRATE REEL PUT-UP. |
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