

Part Number: 5002UP



Commercial Audio, 4 Conductor 12 AWG BC, CL3

Product Description

Commercial 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

| | |
|----------------------|------------------------------|
| Environmental Space: | Indoor (Not Riser or Plenum) |
|----------------------|------------------------------|

Physical Characteristics (Overall)

Conductor

| AWG | Stranding | Material | No. of Conductors |
|------------------|-----------|-----------------------------------|-------------------|
| 12 | 65x30 | Bare High-Conductivity ETP Copper | 4 |
| Conductor Count: | | | 4 |
| Conductor Size: | | | 12 AWG |

Insulation

| Material | Nominal Wall Thickness |
|--------------------------|------------------------|
| PVC - Polyvinyl Chloride | 0.02 in |

Color Chart

| Color |
|-------|
| Black |
| White |
| Red |
| Green |

Outer Shield Material

| Material |
|------------|
| Unshielded |

Outer Jacket Material

| Material | Nominal Diameter | Nominal Wall Thickness | Ripcord |
|--------------------------|------------------|------------------------|---------|
| PVC - Polyvinyl Chloride | 0.365 in | 0.022 in | Yes |

Construction and Dimensions

Cabling

| Twists |
|--------------|
| 2.4 twist/ft |

Electrical Characteristics

Conductor DCR

| Nominal Conductor DCR |
|-----------------------|
| 1.56 Ohm/1000ft |

Capacitance

| Nom. Capacitance Conductor to Conductor |
|-----------------------------------------|
|-----------------------------------------|

| |
|----------|
| 32 pF/ft |
|----------|

| | |
|------------|-----------------------|
| Shielding: | Multiple or Specialty |
|------------|-----------------------|

Inductance

Nominal Inductance

| |
|-----------------|
| 0.16 μ H/ft |
|-----------------|

Current

Max. Recommended Current [A]

| |
|--------------------------------|
| 21 Amps per conductor @ 25°C A |
|--------------------------------|

Voltage

UL Voltage Rating

| |
|-----------|
| 300 V RMS |
|-----------|

Temperature Range

| | |
|-----------------------|----------------|
| UL Temp Rating: | 75°C |
| Operating Temp Range: | -20°C To +75°C |

Mechanical Characteristics

| | |
|----------------------------------|----------------|
| Bulk Cable Weight: | 117 lbs/1000ft |
| Max Recommended Pulling Tension: | 338 lbs |
| Min Bend Radius/Minor Axis: | 3.625 in |

Standards

| | |
|-------------------------|-----|
| NEC/(UL) Specification: | CL3 |
|-------------------------|-----|

Applicable Environmental and Other Programs

| | |
|---------------------------------------|-------------------------------|
| EU Directive 2000/53/EC (ELV): | Yes |
| EU Directive 2003/96/EC (BFR): | Yes |
| EU Directive 2011/65/EU (ROHS II): | Yes |
| EU Directive 2012/19/EU (WEEE): | Yes |
| EU Directive Compliance: | EU Directive 2003/11/EC (BFR) |
| EU CE Mark: | Yes |
| EU RoHS Compliance Date (yyyy-mm-dd): | 2005-04-01 |
| CA Prop 65 (CJ for Wire & Cable): | Yes |
| MII Order #39 (China RoHS): | Yes |

Flammability, LS0H, Toxicity Testing

| | |
|--------------------|-------------------|
| UL Flammability: | UL1685 UL Loading |
| UL voltage rating: | 300 V RMS |

Plenum/Non-Plenum

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

Part Number

Variants

| Item # | Color |
|----------------|-------------|
| 5002UP 0101000 | Black |
| 5002UP 010500 | Black |
| 5002UP D15500 | Blue |
| 5002UP 0081000 | Gray |
| 5002UP 008500 | Gray |
| 5002UP 005500 | Green, Dark |
| 5002UP 0091000 | White |
| 5002UP 009500 | White |

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