

Part Number: 5102UP



Audio Cable, 4 Conductor 14 AWG, BC, Unshielded, CM

Product Description

Commercial Audio Cable, Rated-CL3, 4-14 AWG highly flexible stranded bare copper conductors with PVC insulation, 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 |
|------------------|-----------|-----------------------------------|-------------------|
| 14 | 42x30 | Bare High-Conductivity ETP Copper | 4 |
| Conductor Count: | | | 4 |
| AWG Size: | | | 14 |

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 | 0.313 in | 0.018 in | Yes |

Construction and Dimensions

Cabling

| Lay Length | Twists |
|------------|--------------|
| 4.25 in | 2.8 twist/ft |

Electrical Characteristics

Conductor DCR

| Nominal Conductor DCR |
|-----------------------|
| 2.42 Ohm/1000ft |

Capacitance

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

| |
|----------|
| 29 pF/ft |
|----------|

Inductance

Nominal Inductance

| |
|------------|
| 0.17 µH/ft |
|------------|

Current

Max. Recommended Current [A]

| |
|--------------------------------|
| 17.6 Amps per conductor @ 25°C |
|--------------------------------|

Voltage

UL Voltage Rating

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

Temperature Range

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

Mechanical Characteristics

| | |
|----------------------------------|---------------|
| Bulk Cable Weight: | 76 lbs/1000ft |
| Max Recommended Pulling Tension: | 218.4 lbs |
| Min Bend Radius/Minor Axis: | 3 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, LSOH, Toxicity Testing

| | |
|------------------|-------------------|
| UL Flammability: | UL1685 UL Loading |
|------------------|-------------------|

Part Number

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

Variants

| Item # | Color | Footnote |
|----------------|-------------|----------|
| 5102UP 010500 | BLACK | |
| 5102UP D151000 | BLUE | |
| 5102UP D15500 | BLUE | C |
| 5102UP 0081000 | GRAY | C |
| 5102UP 008500 | GRAY | |
| 5102UP 005500 | GREEN, DARK | |
| 5102UP 009500 | WHITE | C |
| 5102UP 0101000 | WHITE | |

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

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