

5100UP Multi-Conductor - Commercial Audio Systems - 2 Conductors Cabled



For more Information
please call

1-800-Belden1



General Description:

Commercial Audio Cable, Rated-CL3, 2-14 AWG highly flexible stranded bare copper conductors with PVC insulation, PVC jacket with ripcord

Physical Characteristics (Overall)

Conductor

AWG:

| # Conductors | AWG | Stranding | Conductor Material |
|--------------|-----|-----------|-----------------------------------|
| 2 | 14 | 42x30 | Bare High-Conductivity ETP Copper |

Total Number of Conductors: 2

Insulation

Insulation Material:

| Insulation Material | Wall Thickness (in.) |
|--------------------------|----------------------|
| PVC - Polyvinyl Chloride | .020 |

Outer Shield

Outer Shield Material:

| Outer Shield Material |
|-----------------------|
| Unshielded |

Outer Jacket

Outer Jacket Material:

| Outer Jacket Material | Nom. Wall Thickness (in.) |
|--------------------------|---------------------------|
| PVC - Polyvinyl Chloride | 0.018 |

Outer Jacket Ripcord: Yes

Overall Cable

Overall Cabling Lay Length & Direction:

| Length (in.) | Twists (twist/ft) |
|--------------|-------------------|
| 3.5 | 3.4 |

Overall Cabling Color Code Chart:

| Color |
|-------|
| Black |
| White |

Overall Nominal Diameter: 0.266 in.

Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +75°C

UL Temperature Rating: 75°C

Bulk Cable Weight: 39 lbs/1000 ft.

Max. Recommended Pulling Tension: 109.200 lbs.

Min. Bend Radius/Minor Axis: 2.625 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification: CL3

EU Directive 2011/65/EU (ROHS II): Yes

EU CE Mark: Yes

EU Directive 2000/53/EC (ELV): Yes

EU Directive 2002/95/EC (RoHS): Yes

EU RoHS Compliance Date (mm/dd/yyyy): 04/01/2005

EU Directive 2002/96/EC (WEEE): Yes

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| | |
|-----------------------------------|-----|
| EU Directive 2003/11/EC (BFR): | Yes |
| CA Prop 65 (CJ for Wire & Cable): | Yes |
| MIL Order #39 (China RoHS): | Yes |

Flame Test

| | |
|----------------|-------------------|
| UL Flame Test: | UL1685 UL Loading |
|----------------|-------------------|

Plenum/Non-Plenum

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

Electrical Characteristics (Overall)

Nom. Inductance:

| |
|--------------------|
| Inductance (µH/ft) |
| 0.17 |

Nom. Capacitance Conductor to Conductor:

| |
|---------------------|
| Capacitance (pF/ft) |
| 29 |

Nom. Conductor DC Resistance:

| |
|--------------------------|
| DCR @ 20°C (Ohm/1000 ft) |
| 2.42 |

Max. Operating Voltage - UL:

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

Max. Recommended Current:

| |
|------------------------------|
| Current |
| 22 Amps per conductor @ 25°C |

Put Ups and Colors:

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|-----------------|----------|-------------|-------------|-------|-----------------|
| 5100UP 005U1000 | 1,000 FT | 43.000 LB | GREEN, DARK | | 2 #14 PVC FRPVC |
| 5100UP 005U500 | 500 FT | 22.000 LB | GREEN, DARK | | 2 #14 PVC FRPVC |
| 5100UP 0051000 | 1,000 FT | 45.000 LB | GREEN, DARK | | 2 #14 PVC FRPVC |
| 5100UP 005500 | 500 FT | 23.500 LB | GREEN, DARK | | 2 #14 PVC FRPVC |
| 5100UP 008U1000 | 1,000 FT | 43.000 LB | GRAY | | 2 #14 PVC FRPVC |
| 5100UP 008U500 | 500 FT | 22.000 LB | GRAY | | 2 #14 PVC FRPVC |
| 5100UP 0081000 | 1,000 FT | 45.000 LB | GRAY | C | 2 #14 PVC FRPVC |
| 5100UP 009U1000 | 1,000 FT | 43.000 LB | WHITE | | 2 #14 PVC FRPVC |
| 5100UP 009U500 | 500 FT | 22.000 LB | WHITE | | 2 #14 PVC FRPVC |
| 5100UP 0091000 | 1,000 FT | 45.000 LB | WHITE | | 2 #14 PVC FRPVC |
| 5100UP 009500 | 500 FT | 23.500 LB | WHITE | | 2 #14 PVC FRPVC |
| 5100UP 010U1000 | 1,000 FT | 43.000 LB | BLACK | | 2 #14 PVC FRPVC |
| 5100UP 010U500 | 500 FT | 22.000 LB | BLACK | | 2 #14 PVC FRPVC |
| 5100UP 0101000 | 1,000 FT | 45.000 LB | BLACK | C | 2 #14 PVC FRPVC |
| 5100UP 010500 | 500 FT | 23.500 LB | BLACK | | 2 #14 PVC FRPVC |

Notes:

C = CRATE REEL PUT-UP.

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