

## 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
MII Order #39 (China RoHS):	Yes

### Flame Test

UL Flame Test:	UL1685 UL Loading
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### Plenum/Non-Plenum

Plenum (Y/N):	No
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### 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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