

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



For more Information  
please call

1-800-Belden1



### Description:

14 AWG bare high-conductivity ETP copper conductors, highly stranded for ultra flexibility, high-grade PVC insulation, PVC jacket with ripcord, sequential footage marking every two feet.

### 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 (mm)
PVC - Polyvinyl Chloride	0.508

#### Outer Shield

##### Outer Shield Material:

Outer Shield Material
Unshielded

#### Outer Jacket

##### Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.381

Outer Jacket Ripcord: Yes

#### Overall Cable

##### Overall Cabling Lay Length & Direction:

Length (mm)	Twists (twist/m)
88.89965	11.1554

##### Overall Cabling Color Code Chart:

Color
Black
White

Overall Nominal Diameter: 6.604 mm

### Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +75°C
UL Temperature Rating:	75°C
Bulk Cable Weight:	58.040 Kg/Km
Max. Recommended Pulling Tension:	485.743 N
Min. Bend Radius/Minor Axis:	63.500 mm

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

METRIC MEASUREMENT VERSION

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

NEC/(UL) Specification:	CL3
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
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/m)

0.55777

### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)

95.149

### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)

7.94002

### 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	305 MT	18.597 KG	GREEN, DARK		2 #14 PVC FRPVC
5100UP 005U500	152 MT	9.525 KG	GREEN, DARK		2 #14 PVC FRPVC
5100UP 0051000	305 MT	19.505 KG	GREEN, DARK		2 #14 PVC FRPVC
5100UP 005500	152 MT	10.206 KG	GREEN, DARK		2 #14 PVC FRPVC
5100UP 008U1000	305 MT	18.597 KG	GRAY		2 #14 PVC FRPVC
5100UP 008U500	152 MT	9.525 KG	GRAY		2 #14 PVC FRPVC
5100UP 0081000	305 MT	19.505 KG	GRAY	C	2 #14 PVC FRPVC
5100UP 009U1000	305 MT	18.597 KG	WHITE		2 #14 PVC FRPVC
5100UP 009U500	152 MT	9.525 KG	WHITE		2 #14 PVC FRPVC
5100UP 0091000	305 MT	19.505 KG	WHITE		2 #14 PVC FRPVC
5100UP 009500	152 MT	10.206 KG	WHITE		2 #14 PVC FRPVC
5100UP 010U1000	305 MT	18.597 KG	BLACK		2 #14 PVC FRPVC
5100UP 010U500	152 MT	9.525 KG	BLACK		2 #14 PVC FRPVC
5100UP 0101000	305 MT	19.505 KG	BLACK	C	2 #14 PVC FRPVC
5100UP 010500	152 MT	10.206 KG	BLACK		2 #14 PVC FRPVC

### Notes:

C = CRATE REEL PUT-UP.

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