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please call

1-800-Belden1



### General Description:

Commercial Audio Cable, Rated-CL3, 4-12 AWG highly flexible stranded bare copper conductors with PVC insulation, PVC jacket with ripcord

### Physical Characteristics (Overall)

#### Conductor

##### AWG:

# Conductors	AWG	Stranding	Conductor Material
4	12	65x30	Bare High-Conductivity ETP Copper

Total Number of Conductors: 4

#### 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	0.559

Outer Jacket Ripcord: Yes

#### Overall Cable

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

Length (mm)	Twists (twist/m)
126.9995	7.8744

##### Overall Cabling Color Code Chart:

Color
Black
White
Red
Green

Overall Nominal Diameter: 9.271 mm

### Mechanical Characteristics (Overall)

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

UL Temperature Rating: 75°C

Bulk Cable Weight: 174.119 Kg/Km

Max. Recommended Pulling Tension: 1503.492 N

Min. Bend Radius/Minor Axis: 92.075 mm

## 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
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)
0.52496

### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)
104.992

### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
5.11836

### Max. Operating Voltage - UL:

Voltage
300 V RMS

### Max. Recommended Current:

Current
21 Amps per conductor @ 25°C

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
5002UP D15500	500 FT	61.000 LB	BLUE		4 #12 PVC FRPVC
5002UP 005500	500 FT	61.000 LB	GREEN, DARK		4 #12 PVC FRPVC
5002UP 0081000	1,000 FT	122.000 LB	GRAY		4 #12 PVC FRPVC
5002UP 008500	500 FT	61.000 LB	GRAY		4 #12 PVC FRPVC
5002UP 0091000	1,000 FT	122.000 LB	WHITE		4 #12 PVC FRPVC
5002UP 009500	500 FT	61.000 LB	WHITE		4 #12 PVC FRPVC
5002UP 0101000	1,000 FT	122.000 LB	BLACK		4 #12 PVC FRPVC
5002UP 010500	500 FT	61.000 LB	BLACK		4 #12 PVC FRPVC

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## METRIC MEASUREMENT VERSION

### 5002UP Multi-Conductor - Commercial Audio Systems

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