

## 5002UP Multi-Conductor - Commercial Audio Systems



For more Information  
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	0.4572

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: 9.068 mm

**Mechanical Characteristics (Overall)**

Operating Temperature Range:	-20°C To +75°C
UL Temperature Rating:	75°C
Bulk Cable Weight:	169.655 Kg/Km
Max. Recommended Pulling Tension:	1503.490 N
Min. Bend Radius/Minor Axis:	88.900 mm

## 5002UP Multi-Conductor - Commercial Audio Systems

## Applicable Specifications and Agency Compliance (Overall)

## Applicable Standards &amp; Environmental Programs

NEC/(UL) Specification:	CL3
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EU Directive 2011/65/EU (ROHS II):	Yes
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EU CE Mark:	Yes
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EU Directive 2000/53/EC (ELV):	Yes
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EU Directive 2002/95/EC (RoHS):	Yes
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EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005
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EU Directive 2002/96/EC (WEEE):	Yes
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EU Directive 2003/11/EC (BFR):	Yes
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CA Prop 65 (CJ for Wire & Cable):	Yes
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MII Order #39 (China RoHS):	Yes
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## 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	152 MT	26.989 KG	BLUE		4 #12 PVC FRPVC
5002UP 005500	152 MT	26.989 KG	GREEN, DARK		4 #12 PVC FRPVC
5002UP 0081000	305 MT	54.431 KG	GRAY		4 #12 PVC FRPVC
5002UP 008500	152 MT	26.989 KG	GRAY		4 #12 PVC FRPVC
5002UP 0091000	305 MT	54.431 KG	WHITE		4 #12 PVC FRPVC
5002UP 009500	152 MT	26.989 KG	WHITE		4 #12 PVC FRPVC
5002UP 0101000	305 MT	54.431 KG	BLACK		4 #12 PVC FRPVC
5002UP 010500	152 MT	26.989 KG	BLACK		4 #12 PVC FRPVC

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