

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

For more Information
please call

1-800-Belden1

**Description:**

12 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
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

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

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

Plenum/Non-Plenum

Plenum (Y/N): No

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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