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1-800-Belden1



General Description:

Commercial Audio Cable, Rated-CL3, 4-14 AWG highly flexible stranded bare copper conductors with PVC insulation, PVC jacket with ripcord

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
4	14	42x30	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)
107.949575	9.1868

Overall Cabling Color Code Chart:

Color
Black
White
Red
Green

Overall Nominal Diameter: 7.950 mm

Mechanical Characteristics (Overall)

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

UL Temperature Rating: 75°C

Bulk Cable Weight: 113.103 Kg/Km

Max. Recommended Pulling Tension: 971.487 N

Min. Bend Radius/Minor Axis: 76.200 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)
0.55777

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
17.6 Amps per conductor @ 25°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
5102UP D151000	1,000 FT	83.000 LB	BLUE		4 #14 PVC FRPVC
5102UP D15500	500 FT	42.000 LB	BLUE	C	4 #14 PVC FRPVC
5102UP 005500	500 FT	41.500 LB	GREEN, DARK		4 #14 PVC FRPVC
5102UP 0081000	1,000 FT	82.000 LB	GRAY	C	4 #14 PVC FRPVC
5102UP 008500	500 FT	41.500 LB	GRAY		4 #14 PVC FRPVC
5102UP 009500	500 FT	42.000 LB	WHITE	C	4 #14 PVC FRPVC
5102UP 0101000	1,000 FT	83.000 LB	WHITE		4 #14 PVC FRPVC
5102UP 010500	500 FT	42.000 LB	BLACK		4 #14 PVC FRPVC

Notes:

C = CRATE REEL PUT-UP.

5102UP Multi-Conductor - Commercial Audio Systems

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