Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION



5202UP Multi-Conductor - Commercial Audio Systems



For more Information please call

1-800-Belden1



General Description:

Commercial Audio Cable, Rated-CM, 4-16 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	16	65x34	Bare High-Conductivity ETP Copper

Total Number of Conductors: 4

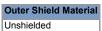
Insulation

Insulation Material:

Insulation Material	Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.381

Outer Shield

Outer Shield Material:



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)		
76.1997	13.124		

Overall Cabling Color Code Chart:

Color				
Black				
White				
Red				
Green				

Overall Nominal Diameter: 6.198 mm

Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +75°C
UL Temperature Rating:	75°C
Bulk Cable Weight:	71.434 Kg/Km
Max. Recommended Pulling Tension:	578.266 N
Min. Bend Radius/Minor Axis:	63.500 mm

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Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification: CM 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 04/01/2005 EU RoHS Compliance Date (mm/dd/yyyy): 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) 98.43

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km) 13.2881

Max. Operating Voltage - UL:

Voltage 300 V RMS

Max. Recommended Current:

Current 15.5 Amps per conductor @ 25°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
5202UP D15U1000	1,000 FT	50.000 LB	BLUE		4 #16 PVC FRPVC
5202UP D15U500	500 FT	25.500 LB	BLUE		4 #16 PVC FRPVC
5202UP D151000	1,000 FT	51.000 LB	BLUE		4 #16 PVC FRPVC
5202UP D15500	500 FT	26.000 LB	BLUE	С	4 #16 PVC FRPVC
5202UP 005U500	500 FT	25.500 LB	GREEN, DARK		4 #16 PVC FRPVC
5202UP 0051000	1,000 FT	51.000 LB	GREEN, DARK		4 #16 PVC FRPVC
5202UP 005500	500 FT	26.000 LB	GREEN, DARK		4 #16 PVC FRPVC
5202UP 008U1000	1,000 FT	50.000 LB	GRAY		4 #16 PVC FRPVC
5202UP 008U500	500 FT	25.500 LB	GRAY		4 #16 PVC FRPVC
5202UP 0081000	1,000 FT	51.000 LB	GRAY	С	4 #16 PVC FRPVC
5202UP 009U1000	1,000 FT	50.000 LB	WHITE		4 #16 PVC FRPVC
5202UP 009U500	500 FT	25.500 LB	WHITE		4 #16 PVC FRPVC
5202UP 0091000	1,000 FT	51.000 LB	WHITE		4 #16 PVC FRPVC
5202UP 010U1000	1,000 FT	50.000 LB	BLACK		4 #16 PVC FRPVC

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5202UP 0101000	1,000 FT	51.000 LB	BLACK	С	4 #16 PVC FRPVC
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Notes:

C = CRATE REEL PUT-UP.

Revision Number: 1 Revision Date: 03-13-2013

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