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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 (in.)
PVC - Polyvinyl Chloride	.015

Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.015

Outer Jacket Ripcord: Yes

Overall Cable

Overall Cabling Lay Length & Direction:

Length (in.)	Twists (twist/ft)
3.00	4

Overall Cabling Color Code Chart:

Color
Black
White
Red
Green

Overall Nominal Diameter: 0.244 in.

Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +75°C
UL Temperature Rating:	75°C
Bulk Cable Weight:	48 lbs/1000 ft.
Max. Recommended Pulling Tension:	130 lbs.
Min. Bend Radius/Minor Axis:	2.500 in.

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
EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005

5202UP Multi-Conductor - Commercial Audio Systems

EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MIL 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/ft)

0.16

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

30

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

4.05

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	C	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	C	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
5202UP 0101000	1,000 FT	51.000 LB	BLACK	C	4 #16 PVC FRPVC

Notes:

C = CRATE REEL PUT-UP.

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