Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION

5302UP Multi-Conductor - Commercial Audio Systems

For more Information
please call

1-800-Belden1

General Description:

Commercial Audio Cable, Rated-CM, 3-18 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	18	42x34	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:

Number	Color
1	Black
2	White
3	Red
4	Green

Overall Nominal Diameter:	0.216 in.

Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +75°C
UL Temperature Rating:	75°C
Bulk Cable Weight:	34 lbs/1000 ft.
Max. Recommended Pulling Tension:	84 lbs.
Min. Bend Radius/Minor Axis:	2 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

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/ft)
0.17

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
27

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
6.27

Max. Operating Voltage - UL:

Voltage
300 V RMS

Max. Recommended Current:

Current
9.8 Amps per conductor @ 25°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
5302UP D15U1000	1,000 FT	36.000 LB	BLUE		4 #18 PVC FRPVC
5302UP D151000	1,000 FT	37.000 LB	BLUE		4 #18 PVC FRPVC
5302UP D15500	500 FT	19.000 LB	BLUE		4 #18 PVC FRPVC
5302UP 005U1000	1,000 FT	36.000 LB	GREEN, DARK		4 #18 PVC FRPVC
5302UP 005U500	500 FT	18.500 LB	GREEN, DARK		4 #18 PVC FRPVC
5302UP 0051000	1,000 FT	37.000 LB	GREEN, DARK		4 #18 PVC FRPVC
5302UP 005500	500 FT	19.000 LB	GREEN, DARK		4 #18 PVC FRPVC
5302UP 0081000	1,000 FT	37.000 LB	GRAY		4 #18 PVC FRPVC
5302UP 0091000	1,000 FT	37.000 LB	WHITE		4 #18 PVC FRPVC
5302UP 009500	500 FT	19.000 LB	WHITE		4 #18 PVC FRPVC
5302UP 010U500	500 FT	18.500 LB	BLACK		4 #18 PVC FRPVC
5302UP 010500	500 FT	19.000 LB	BLACK		4 #18 PVC FRPVC

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