

## 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 (mm)
PVC - Polyvinyl Chloride	0.381

#### Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

#### Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.381

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:

Number	Color
1	Black
2	White
3	Red
4	Green

Overall Nominal Diameter: 5.486 mm

### Mechanical Characteristics (Overall)

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

UL Temperature Rating: 75°C

Bulk Cable Weight: 50.599 Kg/Km

Max. Recommended Pulling Tension: 373.649 N

Min. Bend Radius/Minor Axis: 50.800 mm

### 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/m)

0.55777

#### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)

88.587

#### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)

20.5719

#### 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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