

METRIC MEASUREMENT VERSION

5200UP Multi-Conductor - Commercial Audio Systems - 2 Conductors Cabled

For more Information
please call

1-800-Belden1



Description:

16 AWG bare high-conductivity ETP copper conductors, highly stranded for ultra flexibility, high-grade PVC insulation, PVC jacket with ripcord, sequential footage marking every two feet.

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
2	16	65x34	Bare High-Conductivity ETP Copper

Total Number of Conductors: 2

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)
69.849725	14.4364

Overall Cabling Color Code Chart:

Color
Black
White

Overall Nominal Diameter: 5.283 mm

Mechanical Characteristics (Overall)

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

UL Temperature Rating: 75°C

Bulk Cable Weight: 38.247 Kg/Km

Max. Recommended Pulling Tension: 289.133 N

Min. Bend Radius/Minor Axis: 50.800 mm

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

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NEC/(UL) Specification: CM

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)

0.52496

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

15.7 Amps per conductor @ 25°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
5200UP D15U1000	305 MT	12.701 KG	BLUE		2 #16 PVC FRPVC
5200UP D15U500	152 MT	6.577 KG	BLUE		2 #16 PVC FRPVC
5200UP D151000	305 MT	12.701 KG	BLUE		2 #16 PVC FRPVC
5200UP D15500	152 MT	6.577 KG	BLUE	C	2 #16 PVC FRPVC
5200UP 005U500	152 MT	6.577 KG	GREEN, DARK		2 #16 PVC FRPVC
5200UP 0051000	305 MT	12.701 KG	GREEN, DARK		2 #16 PVC FRPVC
5200UP 005500	152 MT	6.577 KG	GREEN, DARK		2 #16 PVC FRPVC
5200UP 008U1000	305 MT	12.701 KG	GRAY		2 #16 PVC FRPVC
5200UP 008U500	152 MT	6.577 KG	GRAY		2 #16 PVC FRPVC
5200UP 0081000	305 MT	12.701 KG	GRAY	C	2 #16 PVC FRPVC
5200UP 009U1000	305 MT	12.701 KG	WHITE		2 #16 PVC FRPVC
5200UP 009U500	152 MT	6.577 KG	WHITE		2 #16 PVC FRPVC
5200UP 0091000	305 MT	12.701 KG	WHITE	C	2 #16 PVC FRPVC
5200UP 010U1000	305 MT	12.701 KG	BLACK		2 #16 PVC FRPVC
5200UP 010U500	152 MT	6.577 KG	BLACK		2 #16 PVC FRPVC
5200UP 0101000	305 MT	12.701 KG	BLACK		2 #16 PVC FRPVC
5200UP 010500	152 MT	6.577 KG	BLACK	C	2 #16 PVC FRPVC

Notes:

C = CRATE REEL PUT-UP.

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