



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

For more Information
please call

1-800-Belden1



General Description:

Security & Commercial Audio Cable, Riser-CMR, 2-16 AWG stranded bare copper conductors with polyolefin insulation, PVC jacket with ripcord

Usage (Overall)

Suitable Applications: Data Circuits, Monitor/Detection, Control Circuits, Initiating Circuits, Notification Circuits

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
2	16	19x29	BC - Bare Copper

Total Number of Conductors: 2

Insulation

Insulation Material:

Insulation Material	Wall Thickness (mm)
PP - Polypropylene	0.203

Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.432

Outer Jacket Ripcord: Yes

Overall Cable

Overall Cabling Lay Length & Direction:

Length (mm)	Direction	Twists (twist/m)
101.600	Left Hand	9.843

Overall Cabling Color Code Chart:

Number	Color
1	Black
2	Red

Overall Nominal Diameter: 4.572 mm

Mechanical Characteristics (Overall)

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

UL Temperature Rating: 75°C

Bulk Cable Weight: 34.229 Kg/Km

Max. Recommended Pulling Tension: 262.444 N

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Min. Bend Radius/Minor Axis: 44.450 mm

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification: CMR

NEC Articles: 800

CEC/C(UL) Specification: CMG

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: UL1666 Vertical Riser

C(UL) Flame Test: FT4

Suitability

Suitability - Indoor: Yes

Plenum/Non-Plenum

Plenum Number: 6200UE

Surface Printing (Overall)

Surface Printing: NEW GENERATION(R) BY BELDEN 5200UE CMR 75C 2C16 (UL) E108998 OR C(UL) CMG----FT4 (2 FT., 7 DIGIT SEQUENTIAL) FEET

Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (µH/m)

0.459

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)

75.463

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)

13.7802

Max. Operating Voltage - UL:

Voltage

300 V RMS

Max. Recommended Current:

Description Current

10C Temperature Rise 6.25 Amps per conductor @ 25°C ambient

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
5200UE 001U1000	1,000 FT	25.000 LB	BROWN		2 #16 PP FRPVC
5200UE 001Z1000	1,000 FT	27.000 LB	BROWN		2 #16 PO FRPVC

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5200UE 0011000	1,000 FT	26.000 LB	BROWN		2 #16 PO FRPVC
5200UE 002Z1000	1,000 FT	27.000 LB	RED		2 #16 PO FRPVC
5200UE 0021000	1,000 FT	26.000 LB	RED	C	2 #16 PP FRPVC
5200UE 0031000	1,000 FT	26.000 LB	ORANGE		2 #16 PP FRPVC
5200UE 0041000	1,000 FT	26.000 LB	YELLOW		2 #16 PP FRPVC
5200UE 0051000	1,000 FT	26.000 LB	GREEN, DARK		2 #16 PP FRPVC
5200UE 0061000	1,000 FT	26.000 LB	BLUE, LIGHT		2 #16 PP FRPVC
5200UE 0071000	1,000 FT	26.000 LB	VIOLET		2 #16 PP FRPVC
5200UE 008U1000	1,000 FT	25.000 LB	GRAY		2 #16 PP FRPVC
5200UE 008U500	500 FT	13.000 LB	GRAY		2 #16 PP FRPVC
5200UE 008Z1000	1,000 FT	27.000 LB	GRAY		2 #16 PO FRPVC
5200UE 0081000	1,000 FT	26.000 LB	GRAY	C	2 #16 PP FRPVC
5200UE 008500	500 FT	13.000 LB	GRAY		2 #16 PP FRPVC
5200UE 009U1000	1,000 FT	25.000 LB	WHITE		2 #16 PP FRPVC
5200UE 009Z1000	1,000 FT	27.000 LB	WHITE		2 #16 PO FRPVC
5200UE 0091000	1,000 FT	26.000 LB	WHITE		2 #16 PP FRPVC
5200UE 010U1000	1,000 FT	25.000 LB	BLACK		2 #16 PP FRPVC
5200UE 010Z1000	1,000 FT	27.000 LB	BLACK		2 #16 PO FRPVC
5200UE 0101000	1,000 FT	26.000 LB	BLACK		2 #16 PP FRPVC

Notes:

C = CRATE REEL PUT-UP.

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