

## 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

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

## METRIC MEASUREMENT VERSION

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

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
MIL Order #39 (China RoHS):	Yes

#### Flame Test

UL Flame Test:	UL1666 Vertical Riser
C(UL) Flame Test:	FT4

#### Suitability

Suitability - Indoor:	Yes
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#### Plenum/Non-Plenum

Plenum Number:	6200UE
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### Surface Printing (Overall)

### 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	24.000 LB	BROWN		2 #16 PP FRPVC
5200UE 0011000	1,000 FT	25.000 LB	BROWN		2 #16 PO FRPVC
5200UE 0021000	1,000 FT	25.000 LB	RED	C	2 #16 PP FRPVC
5200UE 008U1000	1,000 FT	24.000 LB	GRAY		2 #16 PP FRPVC
5200UE 008U500	500 FT	13.000 LB	GRAY		2 #16 PP FRPVC
5200UE 0081000	1,000 FT	25.000 LB	GRAY	C	2 #16 PP FRPVC
5200UE 008500	500 FT	13.000 LB	GRAY		2 #16 PP FRPVC
5200UE 009U1000	1,000 FT	24.000 LB	WHITE		2 #16 PP FRPVC
5200UE 010U1000	1,000 FT	24.000 LB	BLACK		2 #16 PP FRPVC
5200UE 0101000	1,000 FT	25.000 LB	BLACK		2 #16 PP FRPVC

#### Notes:

C = CRATE REEL PUT-UP.

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