

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



For more Information  
please call

1-800-Belden1



### Description:

16 AWG bare copper conductors, PP insulation, PVC jacket with ripcord, sequential footage marking every two feet.

### 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

#### Insulation

**Insulation Material:**

Insulation Material	Wall Thickness (mm)
PP - Polypropylene	0.178

#### 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 Cabling

**Overall Cabling Lay Length & Direction:**

Length (mm)	Twists (m.)
101.5996	0.9144

**Overall Cabling Color Code Chart:**

Number	Color
1	Black
2	Red

**Overall Nominal Diameter:** 4.470 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 (Install)/Minor Axis:** 44.450 mm

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

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CMR
NEC Articles:	800
CEC/C(UL) Specification:	CMG
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

#### Plenum/Non-Plenum

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

### Electrical Characteristics (Overall)

#### Nom. Inductance:

Inductance (µH/m)	0.459
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#### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)	77.104
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#### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)	13.7802
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#### Max. Operating Voltage - UL:

Voltage	300 V RMS
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#### Max. Recommended Current:

Current	6.25 Amps per conductor @ 25°C
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### Related Documents:

No related documents are available for this product

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
5200UE 001U1000	305 MT	10.886 KG	BROWN		2 #16 PP FRPVC
5200UE 0021000	305 MT	11.340 KG	RED	C	2 #16 PP FRPVC
5200UE 008U1000	305 MT	10.886 KG	GRAY		2 #16 PP FRPVC
5200UE 008U500	152 MT	5.670 KG	GRAY		2 #16 PP FRPVC
5200UE 0081000	305 MT	10.886 KG	GRAY	C	2 #16 PP FRPVC
5200UE 008500	152 MT	5.670 KG	GRAY		2 #16 PP FRPVC
5200UE 009U1000	305 MT	10.886 KG	WHITE		2 #16 PP FRPVC

## METRIC MEASUREMENT VERSION

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

5200UE 010U1000	305 MT	10.886 KG	BLACK		2 #16 PP FRPVC
5200UE 010I1000	305 MT	10.886 KG	BLACK		2 #16 PP FRPVC

**Notes:**

C = CRATE REEL PUT-UP.

Revision Number: 2    Revision Date: 03-04-2011

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