

## 5300UE Multi-Conductor - Commercial Audio Systems - 2 Conductors Cabled



For more Information  
please call

1-800-Belden1



### General Description:

Security & Commercial Audio Cable, Riser-CMR, 2-18 AWG stranded bare copper conductors with polyolefin insulation, PVC jacket with ripcord

### Usage (Overall)

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

### Physical Characteristics (Overall)

#### Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
2	18	7x26	BC - Bare Copper

Total Number of Conductors: 2

#### Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)
PP - Polypropylene	0.008

#### Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

#### Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	0.017

Outer Jacket Ripcord: Yes

#### Overall Cable

Overall Cabling Lay Length & Direction:

Length (in.)	Twists (twist/ft)
3.50	3.4

Overall Cabling Color Code Chart:

Number	Color
1	Black
2	Red

Overall Nominal Diameter: 0.158 in.

### Mechanical Characteristics (Overall)

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

UL Temperature Rating: 75°C

Bulk Cable Weight: 15 lbs/1000 ft.

Max. Recommended Pulling Tension: 45 lbs.

Min. Bend Radius/Minor Axis: 1.500 in.

### 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

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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 Shaft
C(UL) Flame Test:	FT4

### Plenum/Non-Plenum

Plenum Number:	6300UE
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### Electrical Characteristics (Overall)

#### Nom. Inductance:

Inductance (µH/ft)

0.145

#### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

21.500

#### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

6.5

#### Max. Operating Voltage - UL:

Voltage

300 V RMS

#### Max. Recommended Current:

Current

5 Amps per conductor @ 25°C

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
5300UE 001U1000	1,000 FT	17.000 LB	BROWN		2 #18 PP FRPVC
5300UE 005U1000	1,000 FT	17.000 LB	GREEN, DARK		2 #18 PO FRPVC
5300UE 008C500	500 FT	7.500 LB	GRAY		2 #18 PP FRPVC
5300UE 008U1000	1,000 FT	17.000 LB	GRAY		2 #18 PP FRPVC
5300UE 008U500	500 FT	9.000 LB	GRAY		2 #18 PP FRPVC
5300UE 0081000	1,000 FT	17.000 LB	GRAY	C	2 #18 PP FRPVC
5300UE 008500	500 FT	8.500 LB	GRAY		2 #18 PP FRPVC
5300UE 009U1000	1,000 FT	17.000 LB	WHITE		2 #18 PP FRPVC
5300UE 0091000	1,000 FT	17.000 LB	WHITE	C	2 #18 PP FRPVC
5300UE 010U1000	1,000 FT	17.000 LB	BLACK		2 #18 PP FRPVC
5300UE 0101000	1,000 FT	17.000 LB	BLACK	C	2 #18 PP FRPVC

#### Notes:

C = CRATE REEL PUT-UP.

Revision Number: 2    Revision Date: 03-11-2013

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