

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



For more Information  
please call

1-800-Belden1



### Description:

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

### 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

#### 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 Cabling

**Overall Cabling Lay Length & Direction:**

Length (mm)	Twists (m.)
88.89965	1.03632

**Overall Cabling Color Code Chart:**

Number	Color
1	Black
2	Red

**Overall Nominal Diameter:** 4.013 mm

### Mechanical Characteristics (Overall)

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

**UL Temperature Rating:** 75°C

**Bulk Cable Weight:** 22.323 Kg/Km

**Max. Recommended Pulling Tension:** 200.169 N

**Min. Bend Radius (Install)/Minor Axis:** 38.100 mm

## 5300UE 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 Shaft
C(UL) Flame Test:	FT4

#### Plenum/Non-Plenum

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

#### Nom. Inductance:

Inductance (µH/m)

0.476

#### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)

70.542

#### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)

21.3265

#### Max. Operating Voltage - UL:

Voltage

300 V RMS

#### Max. Recommended Current:

Current

5 Amps per conductor @ 25°C

### Related Documents:

No related documents are available for this product

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
5300UE 001U1000	305 MT	7.711 KG	BROWN		2 #18 PP FRPVC
5300UE 008C500	152 MT	3.402 KG	GRAY		2 #18 PP FRPVC
5300UE 008U1000	305 MT	7.711 KG	GRAY		2 #18 PP FRPVC
5300UE 008U500	152 MT	3.856 KG	GRAY		2 #18 PP FRPVC
5300UE 0081000	305 MT	7.258 KG	GRAY	C	2 #18 PP FRPVC
5300UE 008500	152 MT	4.309 KG	GRAY		2 #18 PP FRPVC
5300UE 009U1000	305 MT	7.711 KG	WHITE		2 #18 PP FRPVC
5300UE 0091000	305 MT	7.258 KG	WHITE	C	2 #18 PP FRPVC

## METRIC MEASUREMENT VERSION

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

5300UE 010U1000	305 MT	7.711 KG	BLACK		2 #18 PP FRPVC
5300UE 010I1000	305 MT	8.165 KG	BLACK	C	2 #18 PP FRPVC

**Notes:**

C = CRATE REEL PUT-UP.

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#### Как с нами связаться

**Телефон:** 8 (812) 309 58 32 (многоканальный)

**Факс:** 8 (812) 320-02-42

**Электронная почта:** [org@eplast1.ru](mailto:org@eplast1.ru)

**Адрес:** 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.