

## 5000UE Multi-Conductor - Commercial Audio Systems - 2 Conductors Cabled



For more Information  
please call

1-800-Belden1



### Description:

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

### Usage (Overall)

**Suitable Applications:** Intercom/PA Systems, Sound/Audio Systems, Fire Alarm (For color Red only)(Dual Rated)

### Physical Characteristics (Overall)

#### Conductor

**AWG:**

# Conductors	AWG	Stranding	Conductor Material
2	12	19x25	BC - Bare Copper

#### Insulation

**Insulation Material:**

Insulation Material	Wall Thickness (in.)
PP - Polypropylene	0.011

#### Outer Shield

**Outer Shield Material:**

Outer Shield Material
Unshielded

#### Outer Jacket

**Outer Jacket Material:**

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.015

**Outer Jacket Ripcord:** Yes

### Overall Cabling

**Overall Cabling Lay Length & Direction:**

Length (in.)	Twists (ft.)
4.5	2.7

**Overall Cabling Color Code Chart:**

Number	Color
1	Black
2	White

**Overall Nominal Diameter:** 0.260 in.

### Mechanical Characteristics (Overall)

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

**UL Temperature Rating:** 75°C

**Bulk Cable Weight:** 53.600 lbs/1000 ft.

**Max. Recommended Pulling Tension:** 152 lbs.

**Min. Bend Radius (Install)/Minor Axis:** 2.625 in.

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### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CL3R,FPLR
NEC Articles:	725 or 760
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
CSA Flame Test:	FT4

#### Plenum/Non-Plenum

Plenum (Y/N):	No
Plenum Number:	6000UE

### Electrical Characteristics (Overall)

#### Nom. Inductance:

Inductance (µH/ft)

0.15

#### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

24.000

#### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

1.6

#### Max. Operating Voltage - UL:

Voltage

300 V RMS

#### Max. Recommended Current:

Current

12 Amps per conductor @ 25°C

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
5000UE 0021000	1,000 FT	55.000 LB	RED	C	2 #12 PP FRPVC
5000UE 0081000	1,000 FT	55.000 LB	GRAY	C	2 #12 PP FRPVC
5000UE 008500	500 FT	28.000 LB	GRAY	C	2 #12 PP FRPVC
5000UE 0101000	1,000 FT	55.000 LB	BLACK	C	2 #12 PP FRPVC

#### Notes:

C = CRATE REEL PUT-UP.

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