

## 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 Cable****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.

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

## Applicable Specifications and Agency Compliance (Overall)

## Applicable Standards &amp; 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

## Related Documents:

No related documents are available for this product

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
5000UE 0021000	1,000 FT	54.000 LB	RED	C	2 #12 PP FRPVC
5000UE 0081000	1,000 FT	54.000 LB	GRAY	C	2 #12 PP FRPVC
5000UE 008500	500 FT	27.000 LB	GRAY	C	2 #12 PP FRPVC
5000UE 0101000	1,000 FT	54.000 LB	BLACK	C	2 #12 PP FRPVC

## Notes:

C = CRATE REEL PUT-UP.

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