

**6000UE Multi-Conductor - Commercial Audio Systems - 2 Conductors Cabled**

For more Information  
please call

1-800-Belden1

**Description:**

12 AWG bare copper conductors, Flamarrest® insulation, conductors cabled, Flamarrest® jacket with ripcord, sequential footage marking every two feet.

**Usage (Overall)**

**Suitable Applications:** Intercom/PA Systems, Sound/Audio Systems

**Physical Characteristics (Overall)****Conductor**

**AWG:**

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

**Insulation**

**Insulation Material:**

Insulation Trade Name	Insulation Material	Wall Thickness (in.)
Flamarrest®	LS PVC - Low Smoke Polyvinyl Chloride	0.010

**Outer Shield**

**Outer Shield Material:**

Outer Shield Material
Unshielded

**Outer Jacket**

**Outer Jacket Material:**

Outer Jacket Trade Name	Outer Jacket Material	Nom. Wall Thickness (in.)
Flamarrest®	LS PVC - Low Smoke Polyvinyl Chloride	.015

**Outer Jacket Ripcord:** Yes

**Overall Cable**

**Overall Cabling Lay Length & Direction:**

Length (in.)
4.25

**Overall Cabling Color Code Chart:**

Number	Color
1	Black
2	White

**Overall Nominal Diameter:** 0.252 in.

**Mechanical Characteristics (Overall)**

**Operating Temperature Range:** 0°C To +75°C

**UL Temperature Rating:** 75°C

**Bulk Cable Weight:** 54 lbs/1000 ft.

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

**Min. Bend Radius (Install)/Minor Axis:** 2.500 in.

## 6000UE Multi-Conductor - Commercial Audio Systems - 2 Conductors Cabled

## Applicable Specifications and Agency Compliance (Overall)

## Applicable Standards &amp; Environmental Programs

NEC/(UL) Specification:	CL2P
NEC Articles:	725
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:	NFPA 262
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## Plenum/Non-Plenum

Plenum (Y/N):	Yes
Non-Plenum Number:	5000UE

## Electrical Characteristics (Overall)

## Nom. Inductance:

Inductance (μH/ft)
.14

## Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
36

## Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
1.6

## Max. Operating Voltage - UL:

Voltage
150 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
6000UE 8771000	1,000 FT	55.000 LB	NATURAL	C	2 #12 FLRST FLRST
6000UE 877500	500 FT	28.000 LB	NATURAL		2 #12 FLRST FLRST

## Notes:

C = CRATE REEL PUT-UP.

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