

## 6500UE Multi-Conductor - Commercial Audio Systems - 2 Conductors Cabled



For more Information  
please call

1-800-Belden1



### General Description:

Security & Commercial Audio Cable, Plenum-CMP 2-22 AWG stranded bare copper conductors with Flamarrest® insulation, Flamarrest® jacket with ripcord

### Usage (Overall)

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

### Physical Characteristics (Overall)

#### Conductor

**AWG:**

# Conductors	AWG	Stranding	Conductor Material
2	22	7x30	BC - Bare Copper

**Total Number of Conductors:** 2

#### Insulation

**Insulation Material:**

Insulation Trade Name	Insulation Material	Wall Thickness (mm)
Flamarrest®	LS PVC - Low Smoke Polyvinyl Chloride	0.203

#### Outer Shield

**Outer Shield Material:**

Outer Shield Material
Unshielded

#### Outer Jacket

**Outer Jacket Material:**

Outer Jacket Trade Name	Outer Jacket Material	Nom. Wall Thickness (mm)
Flamarrest®	LS PVC - Low Smoke Polyvinyl Chloride	0.381

**Outer Jacket Ripcord:** Yes

#### Overall Cable

**Overall Cabling Lay Length & Direction:**

Length (mm)	Twists (twist/m)
76.1997	13.124

**Overall Cabling Color Code Chart:**

Number	Color
1	Black
2	Red

**Overall Nominal Diameter:** 3.048 mm

### Mechanical Characteristics (Overall)

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

**Operating Temperature Range:** -10°C To +75°C

**UL Temperature Rating:** 75°C

**Bulk Cable Weight:** 13.245 Kg/Km

**Max. Recommended Pulling Tension:** 80.957 N

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Min. Bend Radius/Minor Axis: 31.750 mm

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

NEC/(UL) Specification: CMP

NEC Articles: 800

CEC/C(UL) Specification: CMP

EU Directive 2011/65/EU (ROHS II): Yes

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

C(UL) Flame Test: FT6

#### Plenum/Non-Plenum

Plenum (Y/N): Yes

Non-Plenum Number: 5500UE

### Electrical Characteristics (Overall)

#### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)

88.587

#### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)

52.8241

#### Max. Operating Voltage - UL:

Voltage

300 V RMS

#### Max. Recommended Current:

Current

2.8 Amps per conductor @ 25°C

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
6500UE 0101000	305 MT	4.082 KG	BLACK		2 #22 FLRST FLRST
6500UE 877C1000	305 MT	3.629 KG	NATURAL		2 #22 FLRST FLRST
6500UE 877U1000	305 MT	4.536 KG	NATURAL		2 #22 FLRST FLRST
6500UE 8771000	305 MT	4.082 KG	NATURAL		2 #22 FLRST FLRST

Revision Number: 2    Revision Date: 04-09-2013

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