

For more Information  
please call

1-800-Belden1



### General Description:

Security & Commercial Audio Cable, Plenum-CMP 3-18 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
3	18	7x26	BC - Bare Copper

**Total Number of Conductors:** 3

#### 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)
82.549675	12.1397

**Overall Cabling Color Code Chart:**

Number	Color
1	Black
2	Red
3	White

**Overall Nominal Diameter:** 4.140 mm

### Mechanical Characteristics (Overall)

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

**UL Temperature Rating:** 75°C

**Bulk Cable Weight:** 34.824 Kg/Km

**Max. Recommended Pulling Tension:** 298.919 N

## 6301UE Multi-Conductor - Commercial Audio Systems

Min. Bend Radius/Minor Axis: 41.275 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

#### Suitability

Suitability - Indoor: Yes

#### Plenum/Non-Plenum

Plenum (Y/N): Yes

Non-Plenum Number: 5301UE

### Electrical Characteristics (Overall)

#### Nom. Capacitance Conductor to Conductor:

##### Capacitance (pF/m)

111.554

#### Nom. Conductor DC Resistance:

##### DCR @ 20°C (Ohm/km)

21.3265

#### Max. Operating Voltage - UL:

##### Voltage

300 V RMS

#### Max. Recommended Current:

Description	Current
10C Temperature Rise	5 Amps per conductor @ 25°C ambient

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
6301UE 877U1000	1,000 FT	25.000 LB	NATURAL		3 #18 FLRST FLRST
6301UE 877Z1000	1,000 FT	27.000 LB	NATURAL		3 #18 FLRST FLRST
6301UE 8771000	1,000 FT	25.000 LB	NATURAL	C	3 #18 FLRST FLRST
6301UE 877500	500 FT	12.500 LB	NATURAL		3 #18 FLRST FLRST

#### Notes:

C = CRATE REEL PUT-UP.

## 6301UE Multi-Conductor - Commercial Audio Systems

Revision Number: 2    Revision Date: 08-12-2013

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