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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

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

## METRIC MEASUREMENT VERSION

## 6301UE Multi-Conductor - Commercial Audio Systems

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
MIL Order #39 (China RoHS):	Yes

### Flame Test

UL Flame Test:	NFPA 262
C(UL) Flame Test:	FT6

### Suitability

Suitability - Indoor:	Yes
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### Plenum/Non-Plenum

Plenum (Y/N):	Yes
Non-Plenum Number:	5301UE

## Electrical Characteristics (Overall)

### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)	111.554
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### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)	21.3265
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### Max. Operating Voltage - UL:

Voltage	300 V RMS
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### 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 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.

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