# **Detailed Specifications & Technical Data**

### **ENGLISH MEASUREMENT VERSION**



## 6301UE Multi-Conductor - Commercial Audio Systems



For more Information please call

1-800-Belden1



## **Description:**

18 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	<b>Conductor Material</b>			
3	18	7x26	BC - Bare Copper			

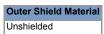
#### Insulation

**Insulation Material:** 

Insulation Trade Name	Insulation Material	Wall Thickness (in.)	
Flamarrest®	LS PVC - Low Smoke Polyvinyl Chloride	0.008	

### **Outer Shield**

**Outer Shield Material:** 



### **Outer Jacket**

**Outer Jacket Material:** 

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

Yes

Outer Jacket Ripcord:

### **Overall Cable**

**Overall Cabling Lay Length & Direction:** 

Length (in.)	Twists (ft.)
3.25	3.7

### **Overall Cabling Color Code Chart:**

Number	Color
1	Black
2	Red
3	White

Overall Nominal Diameter: 0.163 in.

## **Mechanical Characteristics (Overall)**

Operating Temperature Range:	0°C To +75°C
UL Temperature Rating:	75°C
Bulk Cable Weight:	23.400 lbs/1000 ft.
Max. Recommended Pulling Tension:	67.200 lbs.
Min. Bend Radius (Install)/Minor Axis:	1.625 in.

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## **Applicable Specifications and Agency Compliance (Overall)**

## **Applicable Standards & Environmental Programs**

rams
CMP
800
CMP
Yes
Yes
Yes
04/01/2005
Yes
Yes
Yes
Yes
NFPA 262
FT6
Yes
5301UE

## **Electrical Characteristics (Overall)**

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft) 34.000

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 6.5

Max. Operating Voltage - UL:

Voltage 300 V RMS

Max. Recommended Current:

Current 5 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
6301UE 877U1000	1,000 FT	24.000 LB	NATURAL		3 #18 FLRST FLRST
6301UE 8771000	1,000 FT	25.000 LB	NATURAL	С	3 #18 FLRST FLRST
6301UE 877500	500 FT	12.000 LB	NATURAL		3 #18 FLRST FLRST

Notes:

C = CRATE REEL PUT-UP.

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### 6301UE Multi-Conductor - Commercial Audio Systems

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Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.