



**Part Number: 6300UE**

Security & Sound, 2 Conductor 18 AWG BC, Plenum

## Product Description

Security & Commercial Audio Cable, 2 Conductor 18 AWG stranded (7x26) bare copper conductors with Flamarrest® insulation, Plenum, Flamarrest® jacket with ripcord.

## Technical Specifications

### Product Overview

Environmental Space:	Indoor - Plenum
Suitable Applications:	Intercom/PA Systems, Sound/Audio Systems

### Physical Characteristics (Overall)

#### Conductor

AWG	Stranding	Material	No. of Conductors
18	7x26	BC - Bare Copper	2

Conductor Count:	2
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#### Insulation

Material	Material Trade Name	Nominal Wall Thickness
LS PVC - Low Smoke Polyvinyl Chloride	Flamarrest®	0.008 in

#### Color Chart

Number	Color
1	Black
2	White

#### Outer Shield Material

Material
Unshielded

#### Outer Jacket Material

Material	Material Trade Name	Nominal Diameter	Nominal Wall Thickness	Ripcord
LS PVC - Low Smoke Polyvinyl Chloride	Flamarrest®	0.154 in	0.015 in	Yes

### Construction and Dimensions

#### Cabling

Lay Length	Twists
3.5 in	3.4 twist/ft

### Electrical Characteristics

#### Conductor DCR

Nominal Conductor DCR
6.5 Ohm/1000ft

## Capacitance

### Nom. Capacitance Conductor to Conductor

34 pF/ft

## Inductance

### Nominal Inductance

0.15 µH/ft

## Current

### Max. Recommended Current [A]

Per conductor @ 25°C: 5 A

## Voltage

### UL Voltage Rating

300V RMS

## Temperature Range

UL Temp Rating:	75°C
Operating Temp Range:	0°C To +75°C

## Mechanical Characteristics

Bulk Cable Weight:	16 lbs/1000ft
Max Recommended Pulling Tension:	45 lbs
Min Bend Radius/Minor Axis:	1.55 in

## Standards

NEC Articles:	800
NEC/(UL) Specification:	CMP
CEC/C(UL) Specification:	CMP
CPR Euroclass:	Eca

## Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-04-01
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

## Flammability, LS0H, Toxicity Testing

C(UL) Flammability:	FT6
UL Flammability:	NFPA 262

## Part Number

Plenum (Y/N):	Yes
Non-Plenum Number:	5300UE

## Variants

Item #	Color
6300UE 0101000	BLACK
6300UE 0105000	BLACK

6300UE 010C100	BLACK
6300UE 010U1000	BLACK
6300UE 010U250	BLACK
6300UE 010U500	BLACK
6300UE D151000	BLUE
6300UE 0081000	GRAY
6300UE 008U1000	GRAY
6300UE 008U500	GRAY
6300UE 0051000	GREEN, DARK
6300UE 3371000	GREEN, LIGHT
6300UE 8771000	NATURAL
6300UE 877500	NATURAL
6300UE 877U1000	NATURAL
6300UE 877U500	NATURAL
6300UE 0031000	ORANGE
6300UE 012U1000	PINK
6300UE 0021000	RED
6300UE 0071000	VIOLET
6300UE 009C100	WHITE
6300UE 009U1000	WHITE
6300UE 009U250	WHITE
6300UE 009U500	WHITE
6300UE 0091000	WHITE
6300UE 0041000	YELLOW
6300UE 004U1000	YELLOW

## Product Notes

Footnote:	CRATE REEL PUT-UP.
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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.

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