


**Product:** [6201UE](#) 

Security & Sound, 3 Conductor 16 AWG BC, Plenum



## Product Description

Security & Commercial Audio Cable, 3 Conductor 16 AWG stranded (19x29) bare copper conductors with Flamarrest® insulation, Plenum, Flamarrest® jacket with ripcord.

## Technical Specifications

### Product Overview

Suitable Applications:	Intercom/PA Systems, Sound/Audio Systems
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### Physical Characteristics (Overall)

#### Conductor

AWG	Stranding	Material	No. of Conductors
16	19x29	BC - Bare Copper	3

Conductor Count:	3
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#### Insulation

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

#### Color Chart

Number	Color
1	Black
2	Red
3	White

#### Outer Shield Material

Material
No Shield

#### Outer Jacket Material

Material	Material Trade Name	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC-LS - Polyvinyl Chloride (Low Smoke)	Flamarrest®	0.187 in	0.015 in	Yes

### Construction and Dimensions

#### Cabling

Twists
4 twist/ft

### Electrical Characteristics

#### Conductor DCR

Nominal Conductor DCR
3.8 Ohm/1000ft

#### Capacitance

**Nom. Capacitance Conductor to Conductor**

36.5 pF/ft

**Current****Max. Recommended Current [A]**

6.25 Amps per Conductor at 25°C

**Voltage****UL Voltage Rating**

300 V RMS

**Temperature Range**

UL Temp Rating: 75°C

Operating Temp Range: 0°C To +75°C

**Mechanical Characteristics**

Bulk Cable Weight: 34.3 lbs/1000ft

Max. Pull Tension: 88 lbs

Min Bend Radius/Minor Axis: 1.875 in

**Standards**

NEC Articles: Article 800

NEC/(UL) Compliance: CMP

CEC/C(UL) Compliance: CMP

**Applicable Environmental and Other Programs**

Environmental Space: Indoor - Plenum

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 Compliance: EU Directive 2003/11/EC (BFR)

EU CE Mark: Yes

EU RoHS Compliance Date (yyyy-mm-dd): 2005-04-01

MII Order #39 (China RoHS): Yes

**Flammability, LSOH, Toxicity Testing**

C(UL) Flammability: FT6

UL Flammability: NFPA 262

UL voltage rating: 300 V RMS

**Plenum/Non-Plenum**

Plenum (Y/N): Yes

**Part Number**

Non-Plenum Number: 5201UE

**Variants**

Item #	Color	Putup Type	Length	UPC
6201UE 8771000	Natural	Reel	1,000 ft	612825174196
6201UE 877U1000	Natural	UnReel	1,000 ft	612825427117
6201UE 877Z1000	Natural	ReelTuff Box	1,000 ft	612825174219

Footnote: C - CRATE REEL PUT-UP.

**History**

Update and Revision: Revision Number: 0.270 Revision Date: 06-24-2020

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