


**Product:** [6321UE](#) 

Security & Sound, 3 Conductor 18 AWG BC, Plenum



## Product Description

Security & Commercial Audio Cable, 3 Conductor 18 AWG solid 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
18	Solid	BC - Bare Copper	3

Conductor Count:	3
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#### Insulation

Material	Material Trade Name	Nominal Wall Thickness
PVC - Polyvinyl Chloride	Flamarrest®	0.009 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 - Polyvinyl Chloride	Flamarrest®	0.156 in	0.015 in	Yes

## Construction and Dimensions

#### Cabling

Twists
4 twist/ft

## Electrical Characteristics

#### Conductor DCR

Nominal Conductor DCR
6.4 Ohm/1000ft

#### Capacitance

<b>Nom. Capacitance Conductor to Conductor</b>
29 pF/ft

#### Current

<b>Max. Recommended Current [A]</b>
5 Amps per Conductor at 25°C

#### Voltage

<b>UL Voltage Rating</b>
300 V RMS

#### Temperature Range

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

#### Mechanical Characteristics

Bulk Cable Weight:	22.2 lbs/1000ft
Max. Pull Tension:	58.8 lbs
Min. Bend Radius/Minor Axis:	1.5 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 2):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
MII Order #39 (China RoHS):	Yes

#### Flammability, LS0H, Toxicity Testing

C(UL) Flammability:	FT6
UL Flammability:	NFPA 262
UL voltage rating:	300 V RMS

#### Plenum/Non-Plenum

Plenum (Y/N):	Yes
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#### Part Number

Non-Plenum Number:	5321UE
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#### Variants

Item #	Color	Put-Up Type	Length	UPC
6321UE 8771000	Natural	Reel	1,000 ft	612825426875
6321UE 877Z1000	Natural	ReelTuff Box	1,000 ft	612825176268

Footnote:	C - CRATE REEL PUT-UP.
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#### History

Update and Revision:	Revision Number: 0.344 Revision Date: 08-27-2021
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