



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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### Construction Details

#### Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	3	18 AWG	Solid	BC - Bare Copper

#### Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PVC - Polyvinyl Chloride	0.010 in (0.25 mm)	0.0605 in (1.54 mm)	Black, Red, White

#### Outer Shield

Material
No Shield

#### Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.015 in (0.38 mm)	0.156 in	Yes

Overall Cable Diameter (Nominal):	0.156 in
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### Electrical Characteristics

#### Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
6.4 Ohm/1000ft	29 pF/ft (95 pF/m)	5 Amps per Conductor at 25°C

#### Voltage

UL Voltage Rating
300 V

### Mechanical Characteristics

#### Temperature

UL Temperature	Operating
75°C	-20°C To +75°C

#### Bend Radius

Stationary Min.	Installation Min.
1.56 in (39.6 mm)	1.56 in

Max. Pull Tension:	58.8 lbs (26.7 kg)
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Bulk Cable Weight:	22 lbs/1000ft
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## Standards and Compliance

Environmental Suitability:	Indoor - Plenum, Indoor
Flammability / Reaction to Fire:	NFPA 262 (UL 910), FT6
NEC / UL Compliance:	Article 800, CMP
CEC / C(UL) Compliance:	CMP
European Directive Compliance:	EU CE Mark, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Non-Plenum Number:	5321UE

## History

Update and Revision:	Revision Number: 0.354 Revision Date: 12-20-2022
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## Part Numbers

### Variants

Item #	Color	Putup Type	Length	UPC	Footnote
6321UE 8771000	Natural	Reel	1,000 ft	612825426875	C
6321UE 877Z1000	Natural	ReelTuff Box	1,000 ft	612825176268	

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