



**Product:** [6301UE](#)

Security & Sound, 3 Conductor 18 AWG BC, CMP

### Product Description

Security & Commercial Audio Cable, Plenum-CMP, 3-18 AWG stranded (7x26) bare copper conductors with Flamarrest® insulation, 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	7x26	BC - Bare Copper

##### Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PVC - Polyvinyl Chloride	0.009 in (0.23 mm)	0.061 in (1.5 mm)	Black, Red, White

##### Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.015 in (0.38 mm)	0.163 in (4.14 mm)	Yes

Overall Cable Diameter (Nominal):	0.163 in (4.14 mm)
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#### Electrical Characteristics

##### Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
Conductor(s)	6.5 Ohm/1000ft	34 pF/ft (110 pF/m)	14 Amps per conductor @ 25°C

##### Voltage

UL Voltage Rating
300 V

#### Mechanical Characteristics

##### Temperature

UL Temperature	Operating
75°C	0°C to +75°C

##### Bend Radius

Stationary Min.	Installation Min.
1.6 in (41 mm)	1.6 in (41 mm)

Max. Pull Tension:	67 lbs (30 kg)
Bulk Cable Weight:	23 lbs/1000ft

#### Standards and Compliance

Environmental Suitability:	Indoor - Plenum, Indoor
Flammability / Reaction to Fire:	NFPA 262, UL 910 (Plenum), 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:	5301UE

## History

Update and Revision:	Revision Number: 0.487 Revision Date: 04-28-2023
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## Part Numbers

### Variants

Item #	Color	Putup Type	Length	UPC	Footnote
6301UE 877500	Natural	Reel	500 ft	612825175209	
6301UE 8771000	Natural	Reel	1,000 ft	612825175223	C
6301UE 877U1000	Natural	UnReel	1,000 ft	612825427308	
6301UE 877Z1000	Natural	ReelTuff Box	1,000 ft	612825175247	

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