



**Product:** [6307UE](#)

Security & Sound, #18-9c, BC, CMP

### Product Description

Security & Sound Cable, Plenum-CMP 9-18 AWG stranded bare copper conductors with Flamarrest® insulation, Flamarrest® jacket with ripcord

### Technical Specifications

#### Product Overview

Suitable Applications:	Security System, Intercom/PA, Audio/Speaker, Power-Limited Controls
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#### Physical Characteristics (Overall)

##### Conductor

AWG	Stranding	Material	No. of Conductors
18	7x26	BC - Bare Copper	9

Conductor Count:	9
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##### Insulation

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

##### Color Chart

Color
Black
Red
White
Green
Brown
Blue
Orange
Yellow
Purple

##### Outer Shield

Material
No Shield

##### Outer Jacket

Material	Material Trade Name	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	Flamarrest®	0.262 in	0.015 in	Yes

#### Electrical Characteristics

##### Conductor DCR

Nominal Conductor DCR
6.5 Ohm/1000ft

##### Capacitance

Nom. Capacitance Conductor to Conductor
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30 pF/ft
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#### Current

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

<b>UL Voltage Rating</b>
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300 V RMS
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### Temperature Range

Operating Temperature Range:	0°C To +75°C
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### Mechanical Characteristics

Bulk Cable Weight:	64.1 lbs/1000ft
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Max. Pull Tension:	201.6 lbs
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Min. Bend Radius/Minor Axis:	2.6 in
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### Standards

NEC/(UL) Compliance:	CMP
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CEC/C(UL) Compliance:	CMP
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### Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
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EU Directive 2003/96/EC (BFR):	Yes
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EU Directive 2011/65/EU (RoHS 2):	Yes
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EU Directive 2012/19/EU (WEEE):	Yes
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EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
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EU CE Mark:	Yes
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MII Order #39 (China RoHS):	Yes
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### Flammability, LSOH, Toxicity Testing

UL Flammability:	NFPA 262 Plenum Flame Test (UL910)
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CSA Flammability:	FT6
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UL voltage rating:	300 V RMS
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### Plenum/Non-Plenum

Plenum (Y/N):	Yes
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### Related Part Numbers

Non-Plenum Number:	5307UE
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#### Variants

Item #	Color	UPC
6307UE 8771000	Natural	612825175612

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

Update and Revision:	Revision Number: 0.297 Revision Date: 05-05-2023
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