



**Product:** [5307UE](#)

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

### Product Description

Security & Sound Cable, Riser-CMR, 9-18 AWG stranded bare copper conductors with polyolefin insulation, PVC jacket with ripcord

### Technical Specifications

#### Product Overview

Suitable Applications:	Security System, Intercom/PA, Audio/Speaker, Power-Limited Controls
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#### Construction Details

##### Conductor

Element	Number of Element	Size	Stranding	Material
Conductor(s)	9	18 AWG	7x26	BC - Bare Copper

##### Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PP - Polypropylene	0.008 in (0.20 mm)	0.062 in (1.6 mm)	Black, Red, White, Green, Brown, Blue, Orange, Yellow, Purple

##### Outer Shield

Material
No Shield

##### Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.018 in (0.46 mm)	0.260 in	Yes

Overall Cable Diameter (Nominal):	0.260 in
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#### Electrical Characteristics

##### Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
Conductor(s)	6.5 Ohm/1000ft	21 pF/ft (69 pF/m)	3.5 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.
2.60 in (66.0 mm)	2.60 in

Max. Pull Tension:	201.6 lbs (91.44 kg)
Bulk Cable Weight:	60 lbs/1000ft

## Standards and Compliance

Environmental Suitability:	Indoor
Flammability / Reaction to Fire:	UL1666 Riser, FT4
NEC / UL Compliance:	Article 800, CMR
CEC / C(UL) Compliance:	CMG
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)
Plenum Number:	6307UE

## History

Update and Revision:	Revision Number: 0.310 Revision Date: 05-05-2023
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## Part Numbers

### Variants

Item #	Color	UPC
5307UE 0081000	Gray	612825160038

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