



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
Physical Characteristics (0	Overall)

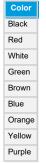
Conductor

AWG	Stranding	Material	No. of Conductors
18	7x26	BC - Bare Copper	9
Condu	ctor Count:	9	

Insulation

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

Color Chart



Outer 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



Capacitance

Nom. Capacitance Conductor to Conductor

Current

Max. Recommended Current [A] 3.5 Amps per Conductor at 25°C

Voltage

UL Voltage Rating 300 V RMS

Temperature Range

Operating Temperature Ran	je: 0°C To +75°C	

Mechanical Characteristics

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

Standards

NEC/(UL) Compliance:	CMP
CEC/C(UL) Compliance:	CMP

Applicable Environmental and Other Programs

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

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

Plenum/Non-Plenum

Plenum (Y/N):	Yes

Related Part Numbers

Non-Plenum Number:	5307UE	

Variants

	Item #	Color	UPC
	6307UE 8771000	Natural	612825175612
ĺ	Footnote:		C - CR

History

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

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