



**Product:** [5308UE](#) 

Security & Sound, #18-10c, BC, CMR

## Product Description

Security & Sound Cable, Riser-CMR, 10-18 AWG stranded bare copper conductors with polypropylene 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	No. of Elements	Size	Stranding	Material
Conductor(s)	10	18 AWG	7x26	BC - Bare Copper

#### Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PO - Polyolefin	0.009 in (0.23 mm)	0.062 in (1.6 mm)	Black, Red, White, Green, Brown, Blue, Orange, Yellow, Purple, Gray

#### Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.018 in (0.46 mm)	0.284 in (7.21 mm)	Yes

Overall Cable Diameter (Nominal):	0.284 in (7.21 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	30 pF/ft (98 pF/m)	9.8 Amps per conductor @ 25°C

#### High Frequency (Nominal/Typical)

Nom. Insertion Loss (Attenuation)
26.1 dB/100m

#### 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.
2.8 in (71 mm)	2.8 in (71 mm)

Max. Pull Tension:	224 lbs (102 kg)
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Bulk Cable Weight:	67 lbs/1000ft
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Standards and Compliance

Environmental Suitability:	Indoor - Riser, Indoor
Flammability / Reaction to Fire:	UL 1666 Riser, IEEE 1202 FT4, IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	Article 800, CMR
CEC / C(UL) Compliance:	CMG
European Directive Compliance:	EU CE Mark
UK Regulation Compliance:	UKCA Mark
Plenum Number:	6308UE

History

Update and Revision:	Revision Number: 0.454 Revision Date: 09-07-2025
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC/EAN	Footnote
5308UE.00305	Chrome	Reel	305 m	8719605008343	
5308UE 0081000	Gray			612825160045	C
5308UE 008500	Gray			612825160052	C
Footnote:			C - CRATE REEL PUT-UP.		

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