

**Part Number: 5308UE**



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

**Product Description**

Security & Sound Cable, Riser-CMR, 10-18 AWG stranded bare copper conductors with polyolefin insulation, PVC jacket with ripcord

**Technical Specifications**

**Physical Characteristics (Overall)**

**Conductor**

AWG	Stranding	Material	No. of Conductors
18	7x26	BC - Bare Copper	10

Conductor Count:	10
Conductor Size:	18 AWG

**Insulation**

Material	Nominal Wall Thickness
PP - Polypropylene	0.007 in

**Color Chart**

Color
Black
Red
White
Green
Brown
Blue
Orange
Yellow
Purple
Gray

**Outer Shield Material**

Material
Unshielded

**Outer Jacket Material**

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.272 in	0.018 in	Yes

**Electrical Characteristics**

**Conductor DCR**

Nominal Conductor DCR
6.5 Ohm/1000ft

**Capacitance**

Nom. Capacitance Conductor to Conductor
30 pF/ft

Shielding:	Unshielded
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## High Frequency (Nominal/Typical)

### Nom. Insertion Loss

26.1 dB/100m

## High Freq

Max. Insertion Loss (Attenuation)	Min. ACR [dB]	Min. PSAACRF
	26.2 dB	
26.2 dB/100m		
		26.1 dB

## Current

### Max. Recommended Current [A]

3.5 Amps per conductor @ 25°C A

## Voltage

### UL Voltage Rating

300 V RMS

## Temperature Range

UL Temp Rating:	75°C
Operating Temp Range:	-20°C To +75°C

## Mechanical Characteristics

Bulk Cable Weight:	69.2 lbs/1000ft
Max Recommended Pulling Tension:	224 lbs
Min Bend Radius/Minor Axis:	3 in

## Standards

NEC Articles:	800
CEC/C(UL) Specification:	CMG
CPR Euroclass:	Eca

## Applicable Environmental and Other Programs

EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-04-01
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

## Flammability, LS0H, Toxicity Testing

C(UL) Flammability:	FT4
UL Flammability:	UL1666 Riser
UL voltage rating:	300 V RMS

## Plenum/Non-Plenum

Plenum (Y/N):	No
Plenum Number:	6308UE

## Part Number

### Variants

Item #	Color	Footnote
5308UE.00305	Chrome	
5308UE 0081000	Gray	C
5308UE 008500	Gray	C

Footnote: C - CRATE REEL PUT-UP.

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