



**Product:** [5408UE](#)

Security & Sound, #20-10c, BC, CMR

## Product Description

Security & Sound Cable, Riser-CMR, 10-20 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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### Physical Characteristics (Overall)

#### Conductor

AWG	Stranding	Material	No. of Conductors
20	7x28	BC - Bare Copper	10

Conductor Count:	10
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#### Insulation

Material	Nominal Wall Thickness
PP - Polypropylene	0.008 in

#### Color Chart

Number	Color
1	Black
2	Red
3	White
4	Green
5	Brown
6	Blue
7	Orange
8	Yellow
9	Purple
10	Gray

#### Outer Shield Material

Material
No Shield

#### Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.244 in	0.018 in	Yes

### Construction and Dimensions

#### Cabling

Twists
3 twist/ft

## Electrical Characteristics

### Conductor DCR

#### Nominal Conductor DCR

10.2 Ohm/1000ft

### Capacitance

#### Nom. Capacitance Conductor to Conductor

24.7 pF/ft

### Current

#### Max. Recommended Current [A]

2.6 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:	49.9 lbs/1000ft
Max. Pull Tension:	126 lbs
Min Bend Radius/Minor Axis:	2.5 in

## Standards

NEC Articles:	Article 800
NEC/(UL) Compliance:	CMR
CEC/C(UL) Compliance:	CMG

## 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 II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-04-01
MII Order #39 (China RoHS):	Yes

## Flammability, LSOH, 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:	6408UE

## Part Number

### Variants

Item #	Color	UPC
5408UE 0081000	Gray	612825162308

Footnote: C - CRATE REEL PUT-UP.

## History

Update and Revision: Revision Number: 0.214 Revision Date: 04-28-2020

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