



**Product:** [5342UE](#)

Security & Sound, #18-3pr, BC, CMR

## Product Description

Security & Sound Cable, Riser-CMR, 3-18 AWG stranded bare copper pairs 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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### Physical Characteristics (Overall)

#### Conductor

AWG	Stranding	Material	No. of Pairs
18	7x26	BC - Bare Copper	3

Conductor Count:	6
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#### Insulation

Material	Nominal Wall Thickness
PP - Polypropylene	0.007 in

#### Color Chart

Number	Color
1	Black & Red
2	Black & White
3	Black & Green

#### Outer Shield Material

Material
No Shield

#### Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.262 in	0.017 in	Yes

### Electrical Characteristics

#### Conductor DCR

Nominal Conductor DCR
6.55 Ohm/1000ft

#### Capacitance

Nom. Capacitance Conductor to Conductor
29 pF/ft

#### Current

Max. Recommended Current [A]
3.5 Amps per Conductor at 20°C

## Voltage

### UL Voltage Rating

300 V RMS

## Temperature Range

Operating Temp Range: -20°C To +75°C

## Mechanical Characteristics

Bulk Cable Weight: 46.1 lbs/1000ft

Max. Pull Tension: 134.4 lbs

Min Bend Radius/Minor Axis: 2.7 in

## Standards

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, LS0H, Toxicity Testing

CSA Flammability: FT4

UL voltage rating: 300 V RMS

## Plenum/Non-Plenum

Plenum (Y/N): No

Plenum Number: 6342UE

## Part Number

### Variants

Item #	Color	UPC
5342UE 0081000	Gray	612825161264
5342UE 008U1000	Gray	612825161257

## History

Update and Revision: Revision Number: 0.215 Revision Date: 06-08-2020

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