



**Product:** [5345UE](#)

Security & Sound, #18-6pr, BC, CMR

## Product Description

Security & Sound Cable, Riser-CMR, 6-18 AWG stranded bare copper pairs 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 Pairs
18	7x26	BC - Bare Copper	6

Conductor Count:	12
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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
4	Black & Blue
5	Black & Yellow
6	Black & Brown

#### Outer Shield Material

Material
No Shield

#### Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.33 in	0.018 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: 88.4 lbs/1000ft

Max. Pull Tension: 268.8 lbs

Min Bend Radius/Minor Axis: 3.3 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, LSOH, Toxicity Testing**

CSA Flammability: FT4

UL voltage rating: 300 V RMS

**Plenum/Non-Plenum**

Plenum (Y/N): No

Plenum Number: 6345UE

**Part Number****Variants**

Item #	Color	UPC
5345UE 0081000	Gray	612825161325

**History**

Update and Revision: Revision Number: 0.217 Revision Date: 06-08-2020

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