


**Product:** [6345UE](#) 

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



**Product Description**

Security & Sound Cable, Plenum-CMP, 6-18 AWG stranded bare copper pairs with Flamarrest® insulation, Flamarrest® 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	Material Trade Name	Nominal Wall Thickness
PVC - Polyvinyl Chloride	Flamarrest®	0.009 in

**Color Chart**

Color
Black & Red
Black & White
Black & Green
Black & Blue
Black & Yellow
Black & Brown

**Outer Shield Material**

Material
No Shield

**Outer Jacket Material**

Material	Material Trade Name	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	Flamarrest®	0.353 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 25°C

**Voltage****UL Voltage Rating**

300 V RMS

**Temperature Range**

Operating Temp Range: 0°C To +75°C

**Mechanical Characteristics**

Bulk Cable Weight: 88.1 lbs/1000ft

Max. Pull Tension: 268.8 lbs

Min. Bend Radius/Minor Axis: 3.5 in

**Standards**

NEC/(UL) Compliance: CMP

CEC/C(UL) Compliance: CMP

**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 2): Yes

EU Directive 2012/19/EU (WEEE): Yes

EU Directive Compliance: EU Directive 2003/11/EC (BFR)

EU CE Mark: Yes

MII Order #39 (China RoHS): Yes

**Flammability, LS0H, Toxicity Testing**

CSA Flammability: FT6

UL voltage rating: 300 V RMS

**Plenum/Non-Plenum**

Plenum (Y/N): Yes

**Part Number**

Non-Plenum Number: 5345UE

**Variants**

Item #	Color	UPC
6345UE 8771000	Natural	612825176480

**History**

Update and Revision: Revision Number: 0.283 Revision Date: 08-27-2021

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