




**Product:** [6342UE](#) 

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

## Product Description

Security & Sound Cable, Plenum-CMP, 3-18 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	3

Conductor Count:	6
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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

#### Outer Shield Material

Material
No Shield

#### Outer Jacket Material

Material	Material Trade Name	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	Flamarrest®	0.278 in	0.015 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

<b>UL Voltage Rating</b>
300 V RMS

## Temperature Range

Operating Temp Range:	0°C To +75°C
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## Mechanical Characteristics

Bulk Cable Weight:	37.2 lbs/1000ft
Max. Pull Tension:	134.4 lbs
Min Bend Radius/Minor Axis:	2.8 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
EU RoHS Compliance Date (yyyy-mm-dd):	2005-04-01
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
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## Part Number

Non-Plenum Number:	5342UE
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## Variants

Item #	Color	UPC
6342UE 8771000	Natural	612825176374
6342UE 877U1000	Natural	612825176367

## History

Update and Revision:	Revision Number: 0.217 Revision Date: 03-16-2021
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