



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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Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Pair(s)	3	18	7x26	BC - Bare Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
PVC - Polyvinyl Chloride	0.009 in (0.23 mm)	0.063 in (1.6 mm)	Black & Red, Black & White, Black & Green

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.015 in (0.38 mm)	0.278 in	Yes

Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
6.93 Ohm/1000ft	29 pF/ft (95 pF/m)	3.5 Amps per Conductor at 25°C

Voltage

UL Voltage Rating
300 V

Mechanical Characteristics

Temperature

UL Temperature	Operating
75°C	0°C To +75°C

Bend Radius

Stationary Min.	Installation Min.
2.78 in (70.6 mm)	2.78 in

Max. Pull Tension:	134.4 lbs (60.96 kg)
Bulk Cable Weight:	46 lbs/1000ft

Standards and Compliance

Flammability / Reaction to Fire:	NFPA 262 (UL910), FT6
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NEC / UL Compliance:	Article 800, CMP
CEC / C(UL) Compliance:	CMP
European Directive Compliance:	EU CE Mark, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Non-Plenum Number:	5342UE

History

Update and Revision:	Revision Number: 0.298 Revision Date: 09-07-2025
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Part Numbers

Variants

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

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