


**Product: [6342FE](#)**
**Security & Sound, #18-3pr, BC, Shielded, CMP**
**Product Description**

Security &amp; Sound Cable, Plenum-CMP, 3-18 AWG stranded bare copper pairs with Flamarrest® insulation, Beldfoil® shield and Flamarrest® jacket with ripcord

**Technical Specifications**
**Product Overview**

Suitable Applications:	Security System, Intercom/PA, Audio/Speaker, Power-Limited Controls, Noisy Environment
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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 Shield**

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	24 AWG (7x32) TC

**Outer Jacket**

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.015 in (0.38 mm)	0.282 in	Yes

**Electrical Characteristics**
**Electricals**

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Max. Current
6.93 Ohm/1000ft	40 pF/ft (130 pF/m)	72 pF/ft (240 pF/m)	3.5 Amps per Conductor at 25°C
Nom Outer Shield DCR:			12.1 Ohm/1000ft (39.7 Ohm/km)

**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.
2.82 in (71.6 mm)	2.82 in

Max. Pull Tension:	147 lbs (66.7 kg)
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Bulk Cable Weight:	49 lbs/1000ft
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## Standards and Compliance

Flammability / Reaction to Fire:	NFPA 262 (UL910), FT6
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:	5342FE

## History

Update and Revision:	Revision Number: 0.457 Revision Date: 09-07-2025
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## Part Numbers

### Variants

Item #	Color	UPC	Footnote
6342FE 8771000	Natural	612825176343	C

Footnote:	C - CRATE REEL PUT-UP.
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