



Product: [5342FE](#)

Security & Sound, #18-3pr, BC, Shielded, CMR

Product Description

Security & Sound Cable, Riser-CMR, 3-18 AWG stranded bare copper pairs with polyolefin insulation, Beldfoil® shield and PVC 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	Number of Element	Size	Stranding	Material
Pair(s)	3	18	7x26	BC - Bare Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
PP - Polypropylene	0.0085 in (0.22 mm)	0.062 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	0.017 in (0.43 mm)	0.267 in (6.78 mm)	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	29 pF/ft (95 pF/m)	52.4 pF/ft (172 pF/m)	3.5 Amps per Conductor at 25°C

Voltage

UL Voltage Rating
300 V

Mechanical Characteristics

Temperature

UL Temperature	Operating
75°C	-20°C To +105°C

Bend Radius

Stationary Min.	Installation Min.
2.67 in (67.8 mm)	2.67 in (67.8 mm)

Max. Pull Tension:	147 lbs (66.7 kg)
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Bulk Cable Weight:	46 lbs/1000ft
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Standards and Compliance

Flammability / Reaction to Fire:	UL 1666 riser, FT4, IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	Article 800, CMR
CEC / C(UL) Compliance:	CMG
European Directive Compliance:	EU CE Mark, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
UK Regulation Compliance:	UKCA Mark
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Plenum Number:	6342FE

History

Update and Revision:	Revision Number: 0.413 Revision Date: 01-20-2023
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Part Numbers

Variants

Item #	Color	UPC
5342FE 0081000	Gray	612825161240

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