



**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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### 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	Nominal Wall Thickness
PP - Polypropylene	0.007 in

#### Color Chart

Number	Color
1	Black & Red
2	Black & White
3	Black & Green

#### Outer Shield Material

Material	Material Trade Name	Drainwire Material	Drainwire AWG	Drainwire Construction n x D
Bi-Laminate (Alum+Poly)	Beldfoil®	TC - Tinned Copper	24	Solid

#### Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.267 in	0.017 in

### Electrical Characteristics

#### Conductor DCR

Nominal Conductor DCR	Nominal Outer Shield DCR
6.55 Ohm/1000ft	13.8 Ohm/1000ft

#### Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
29 pF/ft	52.4 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:	-20°C To +75°C
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## Mechanical Characteristics

Bulk Cable Weight:	50 lbs/1000ft
Max. Pull Tension:	148.4 lbs
Min Bend Radius/Minor Axis:	2.7 in

## Standards

NEC/(UL) Compliance:	CMR
CEC/C(UL) Compliance:	CMG
CPR Euroclass:	Eca

## 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 II):	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

UL Flammability:	UL1666 Riser
CSA Flammability:	FT4
IEC Flammability:	IEC 60332-1-2
UL voltage rating:	300 V RMS

## Plenum/Non-Plenum

Plenum (Y/N):	No
Plenum Number:	6342FE

## Part Number

### Variants

Item #	Color	UPC
5342FE 0081000	Gray	612825161240

Footnote:	C - CRATE REEL PUT-UP.
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## History

Update and Revision:	Revision Number: 0.220 Revision Date: 06-08-2020
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