



**Product:** [5302FE](#)

Security & Sound, #18-4c, BC, Shielded, CMR

### Product Description

Security & Sound Cable, Riser-CMR, 4-18 AWG stranded bare copper conductors with polypropylene 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	AWG	Stranding	Material
Conductor(s)	4	18	7x26	BC - Bare Copper

##### Insulation

Element	Material	Thickness [in.]	Color Code
Conductor(s)	PP - Polypropylene	0.009	Black, Red, White, Green

##### Outer Shield Material

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

##### Outer Jacket Material

Material	Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.017 in	0.188 in	Yes

Cable Diameter (Nominal):	0.188 in
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#### Electrical Characteristics

##### Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Max. Current
Conductor(s)	6.5 Ohm/1000ft	27 pF/ft	48.5 pF/ft	4 Amps per conductor @ 25°C

Nom Outer Shield DCR:	7.2 Ohm/1000ft
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##### Voltage

UL Voltage Rating
300 V (CMR)

#### Mechanical Characteristics

##### Temperature

UL Rating	Operating
75°C	-20°C to +75°C

##### Bend Radius

Stationary Min.	Installation Min.

1.8 in	1.9 in
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Max. Pull Tension:	104 lbs
Bulk Cable Weight:	31 lbs/1000ft

## Standards and Compliance

Environmental Suitability:	Indoor - Riser, Indoor
Flammability / Fire Resistance:	UL1666 Riser, IEC 60332-1-2
NEC / UL Compliance:	Article 800, CMR
CEC / C(UL) Compliance:	CMG
CPR Euroclass:	Eca
European Directive Compliance:	EU CE Mark, EU Directive 2011/65/EU (ROHS II), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Plenum Number:	6302FE

## History

Update and Revision:	Revision Number: 0.253 Revision Date: 09-30-2020
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