



Product: [5341FE](#)

Security & Sound, #18-2pr, BC, Shielded, CMR

Product Description

Security & Sound Cable, Riser-CMR, 2-18 AWG stranded bare copper pairs 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
Pair(s)	2	18	7x26	BC - Bare Copper

Insulation

Element	Material	Thickness [in.]	Color Code
Pair(s)	PP - Polypropylene	0.007	Black & Red, Black & White

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	0.250 in	Yes

Cable Diameter (Nominal):	0.250 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
Pair(s)	6.55 Ohm/1000ft	29 pF/ft	52.25 pF/ft	7.2 Amps per conductor @ 25°C

Nom Outer Shield DCR:	13.1 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.

2.5 in	2.5 in
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Max. Pull Tension:	104 lbs
Bulk Cable Weight:	34 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

History

Update and Revision:	Revision Number: 0.283 Revision Date: 10-20-2020
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