


**Product:** [5301FE](#) 



Security & Sound, 3 Conductor 18 AWG, BC, Shielded, CMR

## Product Description

Security & Commercial Audio Cable, Riser-CMR, 3-18 AWG stranded bare copper conductors with polypropylene insulation, Beldfoil® shield and PVC jacket with ripcord

## Technical Specifications

### Product Overview

Suitable Applications:	Intercom/PA Systems, Sound/Audio Systems
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### Construction Details

#### Conductor

Element	Number of Element	AWG	Stranding	Material
Conductor(s)	3	18	7x26	BC - Bare Copper

#### Insulation

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

#### Outer Shield Material

Shield Type	Material	Coverage	Drainwire Type
Tape	Alum / Poly	100%	24 AWG (7x32) TC

#### Outer Jacket Material

Material	Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.017 in	0.171 in	Yes

Cable Diameter (Nominal):	0.171 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	36 pF/ft	64.75 pF/ft	5 Amps per conductor @ 25°C
Nom Outer Shield DCR:	16.9 Ohm/1000ft			

#### 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.
1.625 in	1.7 in

Max. Pull Tension:	81 lbs
Bulk Cable Weight:	24 lbs/1000ft

## Standards and Compliance

Environmental Suitability:	Indoor - Riser, Indoor
Flammability / Fire Resistance:	UL1666 Riser, FT4, 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:	6301FE

## History

Update and Revision:	Revision Number: 0.295 Revision Date: 07-31-2020
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