




**Product:** [6301FE](#) 

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

## Product Description

Security & Commercial Audio Cable, Plenum-CMP, 3-18 AWG stranded bare copper conductors with Flamarrest® insulation, Beldfoil® shield and Flamarrest® jacket with ripcord

## Technical Specifications

### Product Overview

Suitable Applications:	Security Systems, Intercom/PA Systems, Sound/Audio Systems, Power Limited Controls
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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)	PVC-LS - Polyvinyl Chloride (Low Smoke)	0.009	Black, Red, White

#### Outer Shield Material

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

#### Outer Jacket Material

Material	Thickness	Diameter	Ripcord
PVC-LS - Polyvinyl Chloride (Low Smoke)	0.015 in	0.172 in	Yes

### Electrical Characteristics

#### Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Max. Current
"Conductor(s)"	6.4 Ohm/1000ft	49.5 pF/ft	89 pF/ft	5 Amps per conductor @ 25°C

#### Voltage

UL Voltage Rating
300 V (CMP)

### Mechanical Characteristics

#### Temperature

UL Rating	Operating
75°C	0°C to +75°C

#### Bend Radius

Stationary Min.
1.75 in

Max. Pull Tension:	81.2 lbs
Bulk Cable Weight:	28.1 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor - Plenum, Indoor
Flammability / Fire Resistance:	NFPA 262, FT6, IEC 60332-1-2
NEC / UL Compliance:	Article 800, CMP
CEC / C(UL) Compliance:	CMP
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)

History

Update and Revision:	Revision Number: 0.293 Revision Date: 06-05-2020
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