



**Product:** [6302FE](#)

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

## Product Description

Security & Sound Cable, Plenum-CMP, 4-18 AWG stranded bare copper conductors with Flamarrest® insulation, Beldfoil® shield and Flamarrest® jacket with ripcord

## Technical Specifications

### Product Overview

Product Category:	Security Alarm & Sound
Suitable Applications:	Security System, Intercom/PA, Audio/Speaker, Noisy Environment

### Construction Details

#### Conductor

Element	Number of Element	AWG	Stranding	Material
Conductor(s)	4	18	7x26	BC - Bare Copper

#### Insulation

Element	Material	Thickness [in]	Color
Conductor(s)	PVC-LS - Polyvinyl Chloride (Low Smoke)	0.009	Black, Red, White, Green

#### Outer Shield Material

Type	Material	Coverage
Tape	Alum / Poly	100%

#### Outer Jacket Material

Material	Nominal Wall Thickness	Nominal Diameter	Ripcord
PVC-LS - Polyvinyl Chloride (Low Smoke)	0.015 in	0.188 in	Yes

### Electrical Characteristics

#### Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Grnd	Max. Current
Conductor(s)	6.5 Ohm/1000ft	42 pF/ft	76 pF/ft	Per conductor @ 25°C (10C temperature rise): 4 A

#### Voltage

UL Voltage Rating
300 V

### Mechanical Characteristics

#### Temperature

UL Rating	Operating
75°C	0°C to +75°C

#### Bend Radius

Stationary Min.

1.875 in

Max Recommended Pulling Tension: 82 lbs

## Standards and Compliance

Environmental Suitability:	Indoor
Sustainability:	CA Prop 65 (CJ for Wire and Cable)=Yes
CPR Euroclass:	Eca
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU, EU Directive 2011/65/EU (ROHS II), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS 2

## History

Update and Revision: Revision Number: 0.244 Revision Date: 05-19-2020

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