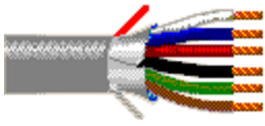


## Part Number: 6407FE



Security & Sound, #20-9c, BC, Shielded, CMP

### Product Description

Security & Sound Cable, Plenum-CMP, 9-20 AWG stranded bare copper conductors with Flamarrest® insulation, Beldfoil® shield and Flamarrest® jacket with ripcord

### Technical Specifications

#### Physical Characteristics (Overall)

##### Conductor

AWG	Stranding	Material	No. of Conductors
20	7x28	BC - Bare Copper	9

Conductor Count:	9
Conductor Size:	20 AWG

##### Insulation

Material	Material Trade Name	Nominal Wall Thickness
LS PVC - Low Smoke Polyvinyl Chloride	Flamarrest®	0.009 in

##### Color Chart

Color
Black
Red
White
Green
Brown
Blue
Orange
Yellow
Purple

##### Outer Shield Material

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D
Tape	Aluminum/Polyester	Beldfoil®	100 %	TC - Tinned Copper	22	Solid

##### Outer Jacket Material

Material	Material Trade Name	Nominal Diameter	Nominal Wall Thickness	Ripcord
LS PVC - Low Smoke Polyvinyl Chloride	Flamarrest®	0.229 in	0.015 in	Yes

#### Electrical Characteristics

##### Conductor DCR

Nominal Conductor DCR	Nominal Outer Shield DCR
10.2 Ohm/1000ft	15.2 Ohm/1000ft

##### Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
36 pF/ft	64.8 pF/ft

Shielding:	Foil(s) or Copper Tape(s)
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## Current

### Max. Recommended Current [A]

2.6 Amps per conductor @ 25°C A

## Voltage

### UL Voltage Rating

300 V RMS

## Temperature Range

Operating Temp Range: 0°C To +75°C

## Mechanical Characteristics

Bulk Cable Weight: 48.8 lbs/1000ft

Max Recommended Pulling Tension: 122.5 lbs

Min Bend Radius/Minor Axis: 2.25 in

## Standards

NEC/(UL) Specification: CMP

CEC/C(UL) Specification: CMP

## Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV): Yes

EU Directive 2003/96/EC (BFR): Yes

EU Directive 2011/65/EU (ROHS II): Yes

EU Directive 2012/19/EU (WEEE): Yes

EU Directive Compliance: EU Directive 2003/11/EC (BFR)

EU CE Mark: Yes

EU RoHS Compliance Date (yyyy-mm-dd): 2005-04-01

CA Prop 65 (CJ for Wire & Cable): Yes

MII Order #39 (China RoHS): Yes

## Flammability, LS0H, Toxicity Testing

UL Flammability: NFPA 262 Plenum Flame Test (UL910)

CSA Flammability: FT6

UL voltage rating: 300 V RMS

## Plenum/Non-Plenum

Plenum (Y/N): Yes

## Part Number

Non-Plenum Number: 5407FE

## Variants

Item #	Color
6407FE 8771000	Natural

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