

**Part Number: 6547UE**



**Security & Sound, #22-9pr, BC, CMP**

## Product Description

Security & Sound Cable, Plenum-CMP 9-22 AWG stranded bare copper pairs with Flamarrest® insulation, Flamarrest® jacket with ripcord

## Technical Specifications

### Physical Characteristics (Overall)

#### Conductor

AWG	Stranding	Material	No. of Pairs
22	7x30	BC - Bare Copper	9

Conductor Count:	18
Conductor Size:	22 AWG

#### Insulation

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

#### Color Chart

Color
Black & Red
Black & White
Black & Green
Black & Blue
Black & Yellow
Black & Brown
Black & Orange
Red & White
Red & Green

#### Outer Shield Material

Material
Unshielded

#### Outer Jacket Material

Material	Material Trade Name	Nominal Diameter	Nominal Wall Thickness	Ripcord
LS PVC - Low Smoke Polyvinyl Chloride	Flamarrest®	0.318 in	0.018 in	Yes

### Electrical Characteristics

#### Conductor DCR

Nominal Conductor DCR
16.3 Ohm/1000ft

#### Capacitance

Nom. Capacitance Conductor to Conductor
25 pF/ft

Shielding:	Unshielded
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#### Inductance

<b>Nominal Inductance</b>
0.17 µH/ft

#### Current

<b>Max. Recommended Current [A]</b>
1.4 Amps per conductor @ 25°C A

#### Voltage

<b>UL Voltage Rating</b>
300 V RMS

#### Temperature Range

Operating Temp Range:	0°C To +75°C
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#### Mechanical Characteristics

Bulk Cable Weight:	64 lbs/1000ft
Max Recommended Pulling Tension:	163.8 lbs
Min Bend Radius/Minor Axis:	3.2 in

#### Standards

NEC/(UL) Specification:	CMP
CEC/C(UL) Specification:	CMP

#### Applicable Environmental and Other Programs

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, LSOH, 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
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#### Part Number

Non-Plenum Number:	5547UE
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#### Variants

Item #	Color	Footnote
6547UE 8771000	Natural	C

Footnote:	C - CRATE REEL PUT-UP.
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