

**Part Number: 6542UE**



**Security & Sound, #22-3pr, BC, CMP**

## Product Description

Security & Sound Cable, Plenum-CMP 2-22 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	3

Conductor Count:	6
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

#### 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®	0.212 in	0.015 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

Nominal Inductance
0.17 µH/ft

#### Current

Max. Recommended Current [A]
2 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:	24 lbs/1000ft
Max Recommended Pulling Tension:	54.6 lbs
Min Bend Radius/Minor Axis:	2 in

## Standards

NEC/(UL) Specification:	CMP
CEC/C(UL) Specification:	CMP
CPR Euroclass:	Eca

## 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
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## Part Number

Non-Plenum Number:	5542UE
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## Variants

Item #	Color	Footnote
6542UE 8771000	Natural	C

Footnote:	C - CRATE REEL PUT-UP.
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