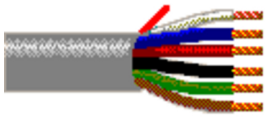


**Part Number: 6509UE**



**Security & Sound, #22-12c, BC, CMP**

**Product Description**

Security & Sound Cable, Plenum-CMP 12-22 AWG stranded bare copper conductors with Flamarrest® insulation, Flamarrest® jacket with ripcord

**Technical Specifications**

**Physical Characteristics (Overall)**

**Conductor**

AWG	Stranding	Material	No. of Conductors
22	7x30	BC - Bare Copper	12

Conductor Count:	12
Conductor Size:	22 AWG

**Insulation**

Material	Material Trade Name	Nominal Wall Thickness
LS PVC - Low Smoke Polyvinyl Chloride	Flamarrest®	0.008 in

**Color Chart**

Color
Black
Red
White
Green
Brown
Blue
Orange
Yellow
Purple
Gray
Pink
Tan

**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®	0.217 in	0.015 in	Yes

**Electrical Characteristics**

**Conductor DCR**

Nominal Conductor DCR
16.2 Ohm/1000ft

**Capacitance**

Nom. Capacitance Conductor to Conductor
27.5 pF/ft

Shielding:	Unshielded
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#### 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:	41.5 lbs/1000ft
Max Recommended Pulling Tension:	109 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, LSOH, Toxicity Testing

C(UL) Flammability:	FT6
UL Flammability:	NFPA 262 Plenum Flame Test (UL910)
UL voltage rating:	300 V RMS

#### Plenum/Non-Plenum

Plenum (Y/N):	Yes
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#### Part Number

Non-Plenum Number:	5509UE
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#### Variants

Item #	Color	Footnote
6509UE 8771000	Natural	C
6509UE 877U1000	Natural	

Footnote:	C - CRATE REEL PUT-UP.
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