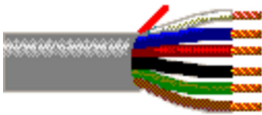




Part Number: 6509UE



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

Construction and Dimensions

Cabling

Lay Length
3.75 in

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

Max. Recommended Current [A]
1.4 Amps per conductor @ 25°C A

Voltage

UL Voltage Rating
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, LS0H, 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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