



Part Number: 6543UE

Security & Sound, #22-4pr, BC, CMP

Product Description

Security & Sound Cable, Plenum-CMP 4-22 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	4

Conductor Count:	8
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

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®	0.234 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

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:	33.5 lbs/1000ft
Max Recommended Pulling Tension:	72.8 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

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:	5543UE
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Variants

Item #	Color
6543UE 8771000	Natural

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