



Part Number: 6502UE

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

Product Description

Security & Sound Cable, Plenum-CMP 4-22 AWG stranded bare copper conductors with Flammarrest® insulation, Flammarrest® jacket with ripcord

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors	No. of Pairs
22	7x30	BC - Bare Copper	4	7x30

Conductor Count:	4
Conductor Size:	22 AWG

Insulation

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

Color Chart

Color
Black
Red
White
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	Flammarrest®	0.139 in	0.015 in	Yes

Construction and Dimensions

Cabling

Twists
4 twist/ft

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
16.1 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor
27 pF/ft

Current

Max. Recommended Current [A]

Per conductor @ 25°C: 2.2 A

Voltage

UL Voltage Rating

300 V RMS

Temperature Range

Operating Temp Range: 0°C To +75°C

Mechanical Characteristics

Bulk Cable Weight: 15 lbs/1000ft

Max Recommended Pulling Tension: 36.4 lbs

Min Bend Radius/Minor Axis: 1.4 in

Standards

NEC Articles: 800

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 2015/863/EU: 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

Suitability

Suitability - Indoor: 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): Y

Part Number

Non-Plenum Number: 5502UE

Variants

Item #	Color	Footnote
6502UE 8771000	Natural	C
6502UE 877500	Natural	
6502UE 877C500	Natural	
6502UE 877U1000	Natural	
6502UE 877U500	Natural	

Footnote: C - CRATE REEL PUT-UP.

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