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## General Description:

Security & Alarm Cable, Plenum-CMP 4-22 AWG solid bare copper conductors with Flamarrest® insulation, Flamarrest® jacket with ripcord

## Physical Characteristics (Overall)

### Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
4	22	Solid	BC - Bare Copper

Total Number of Conductors: 4

### Insulation

Insulation Material:

Insulation Trade Name	Insulation Material	Wall Thickness (mm)
Flamarrest®	LS PVC - Low Smoke Polyvinyl Chloride	0.229

### Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

### Outer Jacket

Outer Jacket Material:

Outer Jacket Trade Name	Outer Jacket Material	Nom. Wall Thickness (mm)
Flamarrest®	LS PVC - Low Smoke Polyvinyl Chloride	0.381

Outer Jacket Ripcord: Yes

### Overall Cable

Overall Cabling Color Code Chart:

Color
Black
Red
White
Green

Overall Nominal Diameter: 3.454 mm

## Mechanical Characteristics (Overall)

Operating Temperature Range: 0°C To +75°C

Bulk Cable Weight: 22.174 Kg/Km

Max. Recommended Pulling Tension: 138.784 N

Min. Bend Radius/Minor Axis: 33.020 mm

## Applicable Specifications and Agency Compliance (Overall)

### Applicable Standards & Environmental Programs

NEC/(UL) Specification: CMP

CEC/C(UL) Specification: CMP

EU Directive 2011/65/EU (ROHS II): Yes

EU CE Mark: Yes

EU Directive 2000/53/EC (ELV): Yes

EU Directive 2002/95/EC (RoHS): Yes

EU RoHS Compliance Date (mm/dd/yyyy): 04/01/2005

EU Directive 2002/96/EC (WEEE): Yes

EU Directive 2003/11/EC (BFR): Yes

CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

**Flame Test**

UL Flame Test:	NFPA 262
C(UL) Flame Test:	FT6

**Plenum/Non-Plenum**

Plenum (Y/N):	Yes
Non-Plenum Number:	5522UE

**Electrical Characteristics (Overall)**

**Nom. Capacitance Conductor to Conductor:**

Capacitance (pF/m)  
82.025

**Nom. Conductor DC Resistance:**

DCR @ 20°C (Ohm/km)  
51.5117

**Max. Operating Voltage - UL:**

Voltage  
300 V RMS

**Max. Recommended Current:**

Current  
2.2 Amps per conductor @ 25°C (10°C rise in temp)

**Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
6522UE 877U1000	1,000 FT	16.000 LB	NATURAL		4 #22 FLRST FLRST
6522UE 877U500	500 FT	8.500 LB	NATURAL		4 #22 FLRST FLRST
6522UE 8771000	1,000 FT	16.000 LB	NATURAL		4 #22 FLRST FLRST

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