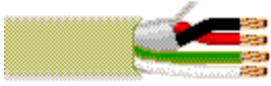


**Part Number: 6502GE**

**Security & Sound, #22-2c, BC, Shielded, CMP**



## Product Description

Security & Sound Cable, Plenum-CMP, 1-22 AWG stranded bare copper pair with Flamarrest® insulation and Beldfoil® shield, 2-22 AWG stranded bare copper conductors with insulation, overall Flamarrest® jacket with ripcord

## Technical Specifications

### Physical Characteristics (Overall)

#### Conductor

AWG	Stranding	Material	No. of Conductors	No. of Pairs
22	7x30	BC - Bare Copper	2	1

Conductor Count:	4
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 (shielded pair)
White
Green

#### Inner Shield Material

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D
Tape	Aluminum Foil-Polyester Tape	Beldfoil®	100 %	TC - Tinned Copper	24	7x32 mm

#### 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®	0.18 in	0.015 in	Yes

### Construction and Dimensions

#### Stranding

Twists
8 twist/ft

### Electrical Characteristics

#### Conductor DCR

Nominal Conductor DCR
16.4 Ohm/1000ft

#### Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
55 pF/ft	99 pF/ft

Shielding:	Foil(s) or Copper Tape(s)
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#### Inductance

Nominal Inductance
0.17 µH/ft

#### Current

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

#### Voltage

UL Voltage Rating
300 V RMS

#### Temperature Range

Non-UL Temp Rating:	75°C
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#### Mechanical Characteristics

Bulk Cable Weight:	19.3 lbs/1000ft
Max Recommended Pulling Tension:	42 lbs
Min Bend Radius/Minor Axis:	1.8 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:	5502GE
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#### Variants

Item #	Color	Footnote
6502GE 010C100	Black	
6502GE 010U1000	Black	
6502GE 008U1000	Gray	
6502GE 8771000	Natural	C
6502GE 877U1000	Natural	
6502GE 009C100	White	
6502GE 009U1000	White	

Footnote:	C - CRATE REEL PUT-UP.
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