

## 6501GE Multi-Conductor - Commercial Applications

For more Information  
please call

1-800-Belden1

**General Description:**

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

**Physical Characteristics (Overall)****Conductor**

AWG:

# Conductors	# Pairs	AWG	Stranding	Conductor Material
1	1	22	7	BC - Bare Copper

Total Number of Conductors: 3

**Insulation**

Insulation Material:

Insulation Trade Name	Insulation Material	Wall Thickness (in.)
Flamarrest®	LS PVC - Low Smoke Polyvinyl Chloride	0.009

**Inner Shield**

Inner Shield Material:

Inner Shield Trade Name	Type	Inner Shield Material	Coverage (%)
Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100

Inner Shield Drain Wire AWG:

AWG
24

Inner Shield Drain Wire Stranding: 7

Inner Shield Drain Wire Conductor Material: TC - Tinned Copper

**Outer Shield**

Outer Shield Material:

Outer Shield Material
Unshielded

**Outer Jacket**

Outer Jacket Material:

Outer Jacket Trade Name	Outer Jacket Material	Nom. Wall Thickness (in.)
Flamarrest®	LS PVC - Low Smoke Polyvinyl Chloride	.015

Outer Jacket Ripcord: Yes

**Overall Cable**

Overall Cabling Color Code Chart:

Color
Black and Red (shielded pair)
White

Overall Nominal Diameter: 0.174 in.

**Pair**

Pair Lay Length & Direction:

Lay Length (in.)	Twists (twist/ft)
1.500	8.000

**Mechanical Characteristics (Overall)**

Non-UL Temperature Rating: 75°C

Bulk Cable Weight: 15.100 lbs/1000 ft.

Max. Recommended Pulling Tension: 32.800 lbs.

Min. Bend Radius/Minor Axis: 1.800 in.

## Applicable Specifications and Agency Compliance (Overall)

## Applicable Standards &amp; 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:	5501GE

## Electrical Characteristics (Overall)

## Nom. Inductance:

Inductance (μH/ft)
.17

## Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
55

## Nom. Capacitance Cond. to Other Conductor &amp; Shield:

Capacitance (pF/ft)
99

## Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
16.4

## Max. Operating Voltage - UL:

Voltage
300 V RMS

## Max. Recommended Current:

Current
2.8 Amps per conductor @ 25°C

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
6501GE 8771000	1,000 FT	18.000 LB	NATURAL		TRANSFER REVIEW (20 TO 30)

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<http://moschip.ru/get-element>

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Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

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