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please call

1-800-Belden1



### General Description:

Security & Alarm Cable, Plenum-CMP 4-16 AWG stranded bare copper conductors with Flamarrest® insulation, Flamarrest® jacket with ripcord

### Physical Characteristics (Overall)

#### Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
4	16	19x29	BC - Bare Copper

Total Number of Conductors: 4

#### Insulation

Insulation Material:

Wall Thickness (mm)
0.2286

#### 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 Lay Length & Direction:

Length (mm)
76.1997

Overall Cabling Color Code Chart:

Color
Black
Red
White
Green

Overall Nominal Diameter: 5.232 mm

### Mechanical Characteristics (Overall)

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

Bulk Cable Weight: 66.671 Kg/Km

Max. Recommended Pulling Tension: 520.439 N

Min. Bend Radius/Minor Axis: 50.800 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
CSA Flame Test:	FT6

### Plenum/Non-Plenum

Plenum (Y/N):	Yes
Non-Plenum Number:	5202UE

## Electrical Characteristics (Overall)

### Nom. Capacitance Conductor to Conductor:

#### Capacitance (pF/m)

119.757

### Nom. Conductor DC Resistance:

#### DCR @ 20°C (Ohm/km)

12.4678

### Max. Operating Voltage - UL:

#### Voltage

300 V RMS

### Max. Recommended Current:

#### Current

5 Amps per conductor @ 25°C

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
6202UE 0101000	1,000 FT	46.000 LB	BLACK		4 #16 FLRST FLRST
6202UE 877U1000	1,000 FT	45.000 LB	NATURAL		4 #16 FLRST FLRST
6202UE 877Z1000	1,000 FT	47.000 LB	NATURAL		4 #16 FLRST FLRST
6202UE 8771000	1,000 FT	46.000 LB	NATURAL	C	4 #16 FLRST FLRST
6202UE 877500	500 FT	23.000 LB	NATURAL		4 #16 FLRST FLRST

### Notes:

C = CRATE REEL PUT-UP.

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## **6202UE Multi-Conductor - Commercial Applications**

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