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please call

1-800-Belden1



### General Description:

Security & Alarm Cable, Plenum-CMP 5-20 AWG stranded bare copper conductors with Flamarrest® insulation, Flamarrest® jacket with ripcord

### Physical Characteristics (Overall)

#### Conductor

##### AWG:

# Conductors	AWG	Stranding	Conductor Material
5	20	7	BC - Bare Copper

Total Number of Conductors: 5

#### 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 Lay Length & Direction:

Length (mm)
69.849725

##### Overall Cabling Color Code Chart:

Color
Black
Red
White
Green
Brown

Overall Nominal Diameter: 4.470 mm

### Mechanical Characteristics (Overall)

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

Bulk Cable Weight: 39.437 Kg/Km

Max. Recommended Pulling Tension: 280.237 N

Min. Bend Radius/Minor Axis: 44.450 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:	5403UE

## Electrical Characteristics (Overall)

### Nom. Capacitance Conductor to Conductor:

#### Capacitance (pF/m)

88.587

### Nom. Conductor DC Resistance:

#### DCR @ 20°C (Ohm/km)

33.4662

### Max. Operating Voltage - UL:

#### Voltage

300 V RMS

### Max. Recommended Current:

#### Current

3 Amps per conductor @ 25°C

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
6403UE 8771000	1,000 FT	28.000 LB	NATURAL	C	5 #20 FLRST FLRST

### Notes:

C = CRATE REEL PUT-UP.

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## 6403UE Multi-Conductor - Commercial Applications

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