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please call

1-800-Belden1



### General Description:

Security & Alarm Cable, Plenum-CMP 4-18 AWG stranded bare copper conductors with Flamarrest® insulation, Flamarrest® jacket with ripcord

### Physical Characteristics (Overall)

#### Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
4	18	7	BC - Bare Copper

Total Number of Conductors: 4

#### Insulation

Insulation Material:

Insulation Trade Name	Insulation Material	Wall Thickness (in.)
Flamarrest®	LS PVC - Low Smoke Polyvinyl Chloride	0.008

#### 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 Lay Length & Direction:

Length (in.)	Direction	Twists (twist/ft)
3.500	Left Hand	3.400

Overall Cabling Color Code Chart:

Color
Black
Red
White
Green

Overall Nominal Diameter: 0.180 in.

### Mechanical Characteristics (Overall)

Installation Temperature Range:	0°C To +75°C
Operating Temperature Range:	-10°C To +75°C
Bulk Cable Weight:	33 lbs/1000 ft.
Max. Recommended Pulling Tension:	89.600 lbs.
Min. Bend Radius/Minor Axis:	1.800 in.

### 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

## 6302UE Multi-Conductor - Commercial Applications

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

### Suitability

Suitability - Indoor:	Yes
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### Plenum/Non-Plenum

Plenum (Y/N):	Yes
Non-Plenum Number:	5302UE

## Electrical Characteristics (Overall)

### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
34.000

### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
6.5

### Max. Operating Voltage - UL:

Voltage
300 V RMS

### Max. Recommended Current:

Description	Current
10C Temperature Rise	4 Amps per conductor @ 25°C ambient

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
6302UE 877U1000	1,000 FT	32.000 LB	NATURAL		4 #18 FLRST FLRST
6302UE 877U500	500 FT	16.500 LB	NATURAL		4 #18 FLRST FLRST
6302UE 8771000	1,000 FT	32.000 LB	NATURAL	C	4 #18 FLRST FLRST
6302UE 877500	500 FT	16.500 LB	NATURAL		4 #18 FLRST FLRST

### Notes:

C = CRATE REEL PUT-UP.

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