

## 6307UE Multi-Conductor - Commercial Applications



For more Information  
please call

1-800-Belden1

**General Description:**

Security & Alarm Cable, Plenum-CMP 9-18 AWG stranded bare copper conductors with Flammarrest® insulation, Flammarrest® jacket with ripcord

**Physical Characteristics (Overall)****Conductor****AWG:**

# Conductors	AWG	Stranding	Conductor Material
9	18	7	BC - Bare Copper

Total Number of Conductors: 9

**Insulation****Insulation Material:**

Insulation Trade Name	Insulation Material	Wall Thickness (mm)
Flammarrest®	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)
Flammarrest®	LS PVC - Low Smoke Polyvinyl Chloride	0.381

Outer Jacket Ripcord: Yes

**Overall Cable****Overall Cabling Lay Length & Direction:**

Length (mm)
114.29955

**Overall Cabling Color Code Chart:**

Color
Black
Red
White
Green
Brown
Blue
Orange
Yellow
Purple

Overall Nominal Diameter: 6.655 mm

**Mechanical Characteristics (Overall)**

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

Bulk Cable Weight: 95.394 Kg/Km

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Max. Recommended Pulling Tension:	896.757 N
Min. Bend Radius/Minor Axis:	66.040 mm

## 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
CSA Flame Test:	FT6

## Plenum/Non-Plenum

Plenum (Y/N):	Yes
Non-Plenum Number:	5307UE

## Electrical Characteristics (Overall)

## Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)

98.43

## Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)

21.3265

## Max. Operating Voltage - UL:

Voltage

300 V RMS

## Max. Recommended Current:

Current

3.5 Amps per conductor @ 25°C

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
6307UE 8771000	1,000 FT	68.000 LB	NATURAL	C	9 #18 FLRST FLRST

## Notes:

C = CRATE REEL PUT-UP.

Revision Number: 1    Revision Date: 03-13-2013

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