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1-800-Belden1



General Description:

Security & Alarm Cable, Plenum-CMP, 6-18 AWG stranded bare copper pairs with Flamarrest® insulation, Flamarrest® jacket with ripcord

Physical Characteristics (Overall)

Conductor

AWG:

# Pairs	AWG	Stranding	Conductor Material
6	18	7	BC - Bare Copper

Total Number of Conductors: 12

Insulation

Insulation Material:

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

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	.018

Outer Jacket Ripcord: Yes

Overall Cable

Overall Cabling Color Code Chart:

Color
Black & Red
Black & White
Black & Green
Black & Blue
Black & Yellow
Black & Brown

Overall Nominal Diameter: 0.353 in.

Mechanical Characteristics (Overall)

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

Bulk Cable Weight: 88.100 lbs/1000 ft.

Max. Recommended Pulling Tension: 268.800 lbs.

Min. Bend Radius/Minor Axis: 3.500 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

EU RoHS Compliance Date (mm/dd/yyyy): 04/01/2005

6345UE Multi-Conductor - Commercial Applications

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

CSA Flame Test:	FT6
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Plenum/Non-Plenum

Plenum (Y/N):	Yes
Non-Plenum Number:	5345UE

Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

29.0

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

6.55

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
6345UE 8771000	1,000 FT	95.000 LB	NATURAL		6 PR #18 FLRST FLRST

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

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