

Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



6508UE Multi-Conductor - Commercial Applications



For more Information
please call

1-800-Belden1



General Description:

Security & Alarm Cable, Plenum-CMP 10-22 AWG stranded bare copper conductors with Flamarrest® insulation, Flamarrest® jacket with ripcord

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
10	22	7	BC - Bare Copper

Total Number of Conductors: 10

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	.015

Outer Jacket Ripcord: Yes

Overall Cable

Overall Cabling Lay Length & Direction:

Length (in.)
3.75

Overall Cabling Color Code Chart:

Color
Black
Red
White
Green
Brown
Blue
Orange
Yellow
Purple
Gray

Overall Nominal Diameter: 0.218 in.

Mechanical Characteristics (Overall)

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

Bulk Cable Weight: 35.500 lbs/1000 ft.

Max. Recommended Pulling Tension: 91 lbs.

Min. Bend Radius/Minor Axis: 2.200 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC(UL) Specification: CMP

CEC/C(UL) Specification: CMP

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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: 5508UE

Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

25

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

16.2

Max. Operating Voltage - UL:

Voltage

300 V RMS

Max. Recommended Current:

Current

2 Amps per conductor @ 25°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
6508UE 877U1000	1,000 FT	37.000 LB	NATURAL		10 #22 FLRST FLRST

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

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