BELDEN
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6326UL Multi-Conductor - Commercial Applications

For more Information
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1-800-Belden1

RoHS COMPLIANT
ENVIRONMENTALLY FRIENDLY

General Description:

Fire Alarm Cable, Plenum-FPLP, 8-18 AWG solid bare copper conductors with Flamarrest® insulation, Flamarrest® jacket with ripcord

Usage (Overall)

Suitable Applications:	Fire Protection, Alarm, Signal, Monitor/Detection, Audio Circuits, Control Circuits, Initiating Circuits, Notification Circuits

Physical Characteristics (Overall)

Conductor
AWG:

# Conductors	AWG	Stranding	Conductor Material
8	18	Solid	BC - Bare Copper

Total Number of Conductors:	8

Insulation
Insulation Material:

Insulation Trade Name	Insulation Material	Wall Thickness (in.)
Flamarrest®	LS PVC - Low Smoke Polyvinyl Chloride	0.010

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.)	Twists (twist/ft)
4	3.0

Overall Cabling Color Code Chart:

Number	Color
1	Black
2	Red
3	Brown
4	Blue
5	Orange
6	Yellow
7	Purple
8	Green

Overall Nominal Diameter:	0.230 in.

Mechanical Characteristics (Overall)

Operating Temperature Range:	0°C To +75°C
UL Temperature Rating:	75°C
Bulk Cable Weight:	59.800 lbs/1000 ft.
Max. Recommended Pulling Tension:	156.800 lbs.
Min. Bend Radius/Minor Axis:	2.300 in.

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Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	FPLP
NEC Articles:	760
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
Other Specification:	California State Fire Marshall

Flame Test

UL Flame Test:	NFPA 262

Plenum/Non-Plenum

Plenum (Y/N):	Yes
Non-Plenum Number:	5326UL

Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
29

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
6.4

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
6326UL 0021000	1,000 FT	59.000 LB	RED	C	8 #18 FLRST FLRST

Notes:
C = CRATE REEL PUT-UP.

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

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