



**Product:** [6326UL](#)

Fire Alarm, #18-8c BC, FPLP

## Product Description

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

## Technical Specifications

### Product Overview

Suitable Applications:	Fire Alarm, Monitor/Detection, Circuits: Audio, Control, Initiating, Notification
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### Physical Characteristics (Overall)

#### Conductor

AWG	Stranding	Material	No. of Conductors
18	Solid	BC - Bare Copper	8

Conductor Count:	8
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#### Insulation

Material	Material Trade Name	Nominal Wall Thickness
PVC - Polyvinyl Chloride	Flamarrest®	0.01 in

#### Color Chart

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

#### Outer Shield Material

Material
No Shield

#### Outer Jacket Material

Material	Material Trade Name	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	Flamarrest®	0.23 in	0.015 in	Yes

## Construction and Dimensions

#### Cabling

Twists
3 twist/ft

## Electrical Characteristics

#### Conductor DCR

**Nominal Conductor DCR**

6.4 Ohm/1000ft

**Capacitance****Nom. Capacitance Conductor to Conductor**

29 pF/ft

**Current****Max. Recommended Current [A]**

3.5 Amps per Conductor at 25°C

**Voltage****UL Voltage Rating**

300 V RMS

**Temperature Range**

UL Temp Rating:	75°C
Operating Temp Range:	0°C To +75°C

**Mechanical Characteristics**

Bulk Cable Weight:	59.8 lbs/1000ft
Max. Pull Tension:	156.8 lbs
Min Bend Radius/Minor Axis:	2.3 in

**Standards**

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

**Applicable Environmental and Other Programs**

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-04-01
MII Order #39 (China RoHS):	Yes

**Flammability, LS0H, Toxicity Testing**

UL Flammability:	NFPA 262 Plenum Flame Test (UL910)
UL voltage rating:	300 V RMS

**Plenum/Non-Plenum**

Plenum (Y/N):	Yes
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**Part Number**

Non-Plenum Number:	5326UL
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**Variants**

Item #	Color	UPC
6326UL 0021000	Red	612825176022

Footnote:	C - CRATE REEL PUT-UP.
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**History**

Update and Revision:	Revision Number: 0.222 Revision Date: 06-24-2020
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