



**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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#### Construction Details

##### Conductor

Element	Number of Element	Size	Stranding	Material
Conductor(s)	8	18 AWG	Solid	BC - Bare Copper

##### Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PVC - Polyvinyl Chloride	0.01 in (0.25 mm)	0.061 in (1.5 mm)	Black, Red, Brown, Blue, Orange, Yellow, Violet, Green

##### Outer Shield

Material
No Shield

##### Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.015 in (0.38 mm)	0.23 in	Yes
Overall Cable Diameter (Nominal):		0.23 in	

#### Electrical Characteristics

##### Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
6.72 Ohm/1000ft	29 pF/ft (95 pF/m)	3.5 Amps per Conductor at 25°C

##### Voltage

UL Voltage Rating
300 V

#### Mechanical Characteristics

##### Temperature

UL Temperature	Operating
75°C	0°C To +75°C

##### Bend Radius

Stationary Min.	Installation Min.
1.84 in (46.7 mm)	1.84 in

Max. Pull Tension:	156.8 lbs (71.12 kg)
Bulk Cable Weight:	56 lbs/1000ft

## Standards and Compliance

Environmental Suitability:	Indoor
Flammability / Reaction to Fire:	NFPA 262 (UL910)
NEC / UL Compliance:	Article 760, FPLP
European Directive Compliance:	EU CE Mark, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Other Standard Compliance(s):	California State Fire Marshall
Non-Plenum Number:	5326UL

## History

Update and Revision:	Revision Number: 0.304 Revision Date: 05-05-2023
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## Part Numbers

### Variants

Item #	Color	UPC
6326UL 0021000	Red	612825176022

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