



**Product:** [5326UL](#)

Fire Alarm, #18-8c BC, FPLR

## Product Description

Fire Alarm Cable, Riser-FPLR, 8-18 AWG solid bare copper conductors with polypropylene insulation, PVC 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	No. of Elements	Size	Stranding	Material
Conductor(s)	8	18 AWG	Solid	BC - Bare Copper

#### Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PP - Polypropylene	0.007 in (0.18 mm)	0.055 in (1.4 mm)	Black, Red, Brown, Blue, Orange, Yellow, Purple, Green

#### Outer Shield

Material
No Shield

#### Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.018 in (0.46 mm)	0.216 in	Yes

Overall Cable Diameter (Nominal): 0.216 in

### Electrical Characteristics

#### Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
Conductor(s)	6.4 Ohm/1000ft	22 pF/ft (72 pF/m)	3.5 Amps per Conductor at 25°C

#### Voltage

UL Voltage Rating
300 V

### Mechanical Characteristics

#### Temperature

UL Temperature	Operating
75°C	-20°C To +75°C

#### Bend Radius

Stationary Min.	Installation Min.
1.72 in (43.7 mm)	1.72 in

Max. Pull Tension:	156.8 lbs (71.12 kg)
Bulk Cable Weight:	50 lbs/1000ft

## Standards and Compliance

Environmental Suitability:	Indoor
Flammability / Reaction to Fire:	UL 1666 Riser
NEC / UL Compliance:	Article 760, FPLR
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
Plenum Number:	6326UL

## History

Update and Revision:	Revision Number: 0.302 Revision Date: 05-05-2023
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## Part Numbers

### Variants

Item #	Color	UPC
5326UL 0021000	Red	612825160755

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