



**Product:** [5322UL](#)

Fire Alarm, #18-4c BC, FPLR

## Product Description

Fire Alarm Cable, Riser-FPLR, 4-18 AWG solid bare copper conductors with polyolefin 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	Number of Element	Size	Stranding	Material
Conductor(s)	4	18	Solid	BC - Bare Copper

#### Insulation

Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
PP - Polypropylene	0.007 in (0.18 mm)	0.054 in (1.4 mm)	Black, Red, Brown, Blue

#### Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.017 in (0.43 mm)	0.166 in	Yes

### Electrical Characteristics

#### Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
6.65 Ohm/1000ft	22 pF/ft (72 pF/m)	4 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.
1.32 in (33.5 mm)	1.32 in

Max. Pull Tension:	78.4 lbs (35.6 kg)
Bulk Cable Weight:	27 lbs/1000ft

### Standards and Compliance

Environmental Suitability:	Indoor
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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:	6322UL

## History

Update and Revision:	Revision Number: 0.308 Revision Date: 05-05-2023
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## Part Numbers

### Variants

Item #	Color	UPC
5322UL 0021000	Red	612825160670
5322UL 002U1000	Red	612825160656
5322UL 002U500	Red	612825160663

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