



Product: [5320UL](#)

Fire Alarm, #18-2c BC, FPLR

### Product Description

Fire Alarm Cable, Riser-FPLR, 2-18 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	Number of Element	Size	Stranding	Material
Conductor(s)	2	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

##### Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.017 in (0.43 mm)	0.143 in (3.63 mm)	Yes

Overall Cable Diameter (Nominal):	0.143 in (3.63 mm)
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#### Electrical Characteristics

##### Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Shield	Max. Current
Conductor(s)	6.4 Ohm/1000ft	29 pF/ft (95 pF/m)	29 pF/ft (95 pF/m)	14 Amps per conductor @ 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.
1.14 in (29.0 mm)	1.14 in (29.0 mm)

Max. Pull Tension:	39.2 lbs (17.8 kg)
Bulk Cable Weight:	15 lbs/1000ft

#### Standards and Compliance

Environmental Suitability:	Indoor - Riser, Indoor
Flammability / Reaction to Fire:	UL 1666 Riser, IEEE 1202 FT4, IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	Article 760, FPLR
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
UK Regulation Compliance:	UKCA Mark
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Plenum Number:	6320UL

## History

Update and Revision:	Revision Number: 0.435 Revision Date: 01-20-2023
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## Part Numbers

### Variants

Item #	Color	UPC
5320UL 0101000	Black	612825160526
5320UL 010U1000	Black	612825160519
5320UL D151000	Blue	612825160465
5320UL D15C500	Blue	612825160458
5320UL 001U1000	Brown	612825160472
5320UL 0021000	Red	612825160502
5320UL 002C500	Red	
5320UL 002U1000	Red	612825160489
5320UL 002U500	Red	612825160496
5320UL 009C500	White	

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