



Product: [5120UL](#)

Fire Alarm, #14-2c BC, FPLR

### Product Description

Fire Alarm Cable, Riser-FPLR, 2-14 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	14 AWG	Solid	BC - Bare Copper

##### Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PP - Polypropylene	0.010 in (0.25 mm)	0.0845 in (2.15 mm)	Black, Red

##### Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PP - Polypropylene	0.017 in (0.43 mm)	0.205 in (5.21 mm)	Yes

Overall Cable Diameter (Nominal):	0.205 in (5.21 mm)
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#### Electrical Characteristics

##### Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
Conductor(s)	2.43 Ohm/1000ft	23 pF/ft (75 pF/m)	25 Amps per conductor @ 30°C

##### Voltage

UL Voltage Rating
300 V (FPLR)

#### Mechanical Characteristics

##### Temperature

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

##### Bend Radius

Stationary Min.	Installation Min.
1.64 in (41.7 mm)	1.64 in (41.7 mm)

Max. Pull Tension:	99 lbs (45 kg)
Bulk Cable Weight:	33 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:	6120UL

## History

Update and Revision:	Revision Number: 0.456 Revision Date: 01-20-2023
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## Part Numbers

### Variants

Item #	Color	UPC
5120UL 0101000	Black	612825156994
5120UL D151000	Blue	612825156963
5120UL 0061000	Blue	612825350767
5120UL 0061000	Blue	612825350767
5120UL 0051000	Green	612825350750
5120UL 0051000	Green	612825350750
5120UL 0031000	Orange	612825350743
5120UL 0031000	Orange	612825350743
5120UL 0021000	Red	612825336488
5120UL 002500	Red	612825156970
5120UL 0071000	Violet	612825350774
5120UL 0071000	Violet	612825350774
5120UL 0091000	White	612825350781
5120UL 0091000	White	612825350781
5120UL 0041000	Yellow	612825156987

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