



Product: [6120UJ](#)

Fire Alarm, #14-2c BC, FPLP

### Product Description

Fire Alarm Cable, Plenum-FPLP, 2-14 AWG solid bare copper conductors with FEP insulation, Flamarrest® jacket with ripcord

### Technical Specifications

#### Product Overview

Suitable Applications:	Fire Alarm, Addressable Systems, Circuits: Audio, Control, Initiating, Notification
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#### Construction Details

##### Conductor

Element	Number of Element	Size	Stranding	Material
Conductor(s)	2	14	Solid	BC - Bare Copper

##### Insulation

Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
FEP - Fluorinated Ethylene Propylene	0.007 in (0.18 mm)	0.078 in (2.0 mm)	Black, Red

##### Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.015 in (0.38 mm)	0.186 in (4.72 mm)	Yes

#### Electrical Characteristics

##### Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
2.62 Ohm/1000ft	26 pF/ft (85 pF/m)	8 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.
1.48 in (37.6 mm)	1.48 in (37.6 mm)

Max. Pull Tension:	100 lbs (45 kg)
Bulk Cable Weight:	33 lbs/1000ft

#### Standards and Compliance

Environmental Suitability:	Indoor
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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

## Product Notes

Notes:	Teflon® is a trademark of DuPont.
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## History

Update and Revision:	Revision Number: 0.413 Revision Date: 01-20-2023
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## Part Numbers

### Variants

Item #	Color	UPC
6120UJ 0021000	Red	612825173694

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