



Product: [6120UL](#) 

Fire Alarm, #14-2c BC, FPLP

Product Description

Fire Alarm Cable, Plenum-FPLP, 2-14 AWG solid bare copper conductors with Flamarrest® insulation, Flamarrest® 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)	2	14 AWG	Solid	BC - Bare Copper

Insulation

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

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.015 in (0.38 mm)	0.201 in (5.11 mm)	Yes

Overall Cable Diameter (Nominal): 0.201 in (5.11 mm)

Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
Conductor(s)	2.42 Ohm/1000ft	37 pF/ft (120 pF/m)	25 Amps per conductor @ 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.
1.6 in (41 mm)	1.6 in (41 mm)

Max. Pull Tension: 99.4 lbs (45.1 kg)

Bulk Cable Weight: 34 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor - Plenum, Indoor
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Flammability / Reaction to Fire:	NFPA 262, UL 910 (Plenum)
NEC / UL Compliance:	Article 760, FPLP
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)
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Other Standard Compliance(s):	California State Fire Marshall
Non-Plenum Number:	5120UL

History

Update and Revision:	Revision Number: 0.440 Revision Date: 09-07-2025
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Part Numbers

Variants

Item #	Color	UPC	Footnote
6120UL 0101000	Black	612825173731	
6120UL D151000	Blue	612825173700	C
6120UL 0011000	Brown	612825173717	
6120UL 0051000	Green	612825350354	
6120UL 8771000	Natural	612825350385	
6120UL 0031000	Orange	612825350347	
6120UL 0021000	Red	612825339564	C
6120UL 002500	Red	612825173724	
6120UL 0071000	Violet	612825350361	
6120UL 0071000	Violet	612825350361	
6120UL 0041000	Yellow	612825352228	

Footnote:	C - CRATE REEL PUT-UP.
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