



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

Insulation

Element	Material	Nom. Thickness	Color Code
Conductor(s)	PVC - Polyvinyl Chloride	0.010 in (0.25 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)	2.43 Ohm/1000ft (7.97 Ohm/km)	37 pF/ft (120 pF/m)	8.0 Amps per conductor @ 25°C

Voltage

UL Voltage Rating
300 V (FPLP)

Mechanical Characteristics

Temperature

UL Temperature	Operating
75°C	0°C to +75°C

Bend Radius

Stationary Min.	Installation Min.
4.6 in (120 mm)	4.6 in (120 mm)

Max. Pull Tension: 94 lbs

Bulk Cable Weight: 34 lbs/1000ft (51 kg/km)

Standards and Compliance

Environmental Suitability:	Indoor - Plenum, Indoor
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: 0.286 Revision Date: 12-15-2021

Variants

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

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