




**Product:** [6320UL](#) 

Fire Alarm, #18-2c BC, FPLP

## Product Description

Fire Alarm Cable, Plenum-FPLP, 2-18 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	AWG	Stranding	Material
Conductor(s)	2	18	Solid	BC - Bare Copper

#### Insulation

Element	Material	Thickness [in.]	Color Code
Conductor(s)	PVC - Polyvinyl Chloride	0.008	Black, Red

#### Outer Jacket Material

Material	Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.015 in	0.144 in	Yes

Cable Diameter (Nominal):	0.144 in
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### Electrical Characteristics

#### Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
Conductor(s)	6.4 Ohm/1000ft	31 pF/ft	5 Amps per conductor @ 25°C

#### Voltage

UL Voltage Rating
300 V (FPLP)

### Mechanical Characteristics

#### Temperature

UL Rating	Operating
75°C	0°C to +75°C

#### Bend Radius

Stationary Min.	Installation Min.
1.5 in	1.4 in

Max. Pull Tension:	39 lbs
Bulk Cable Weight:	15 lbs/1000ft

### Standards and Compliance

Environmental Suitability:	Indoor - Plenum, Indoor
Flammability / Fire Resistance:	NFPA 262, UL 910 (Plenum)
NEC / UL Compliance:	Article 760, FPLP
European Directive Compliance:	EU CE Mark
Other Standard Compliance(s):	California State Fire Marshall
Non-Plenum Number:	5320UL

History

Update and Revision:	Revision Number: 0.260 Revision Date: 09-30-2020
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