



**Product:** [6322FL](#)

Fire Alarm, #18-4c BC, Shielded, FPLP

### Product Description

Fire Alarm Cable, Plenum-FPLP, 4-18 AWG solid bare copper conductors with Flamarrest® insulation, overall Beldfoil® shield, Flamarrest® jacket with ripcord

### Technical Specifications

#### Product Overview

Suitable Applications:	Fire Alarm, Monitor/Detection, Circuits: Audio, Control, Initiating, Notification, Noisy Environment
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#### Construction Details

##### Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	4	18 AWG	Solid	BC - Bare Copper

##### Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PVC - Polyvinyl Chloride	0.01 in (0.25 mm)	0.061 in (1.5 mm)	Black, Red, Brown, Blue

##### Outer Shield

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	24 AWG (Solid) TC

##### Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.015 in (0.38 mm)	0.18 in	Yes

Overall Cable Diameter (Nominal):	0.18 in
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#### Electrical Characteristics

##### Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Max. Current
6.65 Ohm/1000ft	40 pF/ft (130 pF/m)	72 pF/ft (240 pF/m)	4 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.
2.7 in (69 mm)	2.7 in

Max. Pull Tension:	83.5 lbs (37.9 kg)
Bulk Cable Weight:	32 lbs/1000ft

## Standards and Compliance

Environmental Suitability:	Indoor
Flammability / Reaction to Fire:	NFPA 262 (UL910)
NEC / UL Compliance:	Article 760, FPLP
European Directive Compliance:	EU CE Mark
Other Standard Compliance(s):	California State Fire Marshall
Non-Plenum Number:	5322FL

## History

Update and Revision:	Revision Number: 0.312 Revision Date: 05-05-2023
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## Part Numbers

### Variants

Item #	Color	UPC	Footnote
6322FL 0021000	Red	612825175957	C

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