



Product: [6222UL](#)

Fire Alarm, #16-4c BC, FPLP

Product Description

Fire Alarm Cable, Plenum-FPLP, 4-16 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)	4	16 AWG	Solid	BC - Bare Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PVC - Polyvinyl Chloride	0.008 in (0.20 mm)	0.067 in (1.7 mm)	Black, Red, Brown, Blue

Outer Shield

Material
No Shield

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.015 in (0.38 mm)	0.194 in	Yes

Overall Cable Diameter (Nominal):	0.194 in
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Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
4.18 Ohm/1000ft	37 pF/ft (120 pF/m)	5 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.
1.55 in (39.4 mm)	1.55 in

Max. Pull Tension:	124.8 lbs (56.61 kg)
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Bulk Cable Weight:	41 lbs/1000ft
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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, 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:	5222UL

History

Update and Revision:	Revision Number: 0.303 Revision Date: 05-05-2023
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Part Numbers

Variants

Item #	Color	UPC	Footnote
6222UL 0021000	Red	612825174479	C
6222UL 002500	Red	612825174486	C

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