



Product: [5326UL](#)

Fire Alarm, #18-8c BC, FPLR

Product Description

Fire Alarm Cable, Riser-FPLR, 8-18 AWG solid bare copper conductors with polypropylene insulation, PVC 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)	8	18 AWG	Solid	BC - Bare Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PP - Polypropylene	0.007 in (0.18 mm)	0.055 in (1.4 mm)	Black, Red, Brown, Blue, Orange, Yellow, Purple, Green

Outer Shield

Material
No Shield

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.018 in (0.46 mm)	0.216 in	Yes

Overall Cable Diameter (Nominal):	0.216 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	22 pF/ft (72 pF/m)	3.5 Amps per Conductor at 25°C

Voltage

UL Voltage Rating
300 V

Mechanical Characteristics

Temperature

UL Temperature	Operating
75°C	-20°C To +75°C

Bend Radius

Stationary Min.	Installation Min.
1.72 in (43.7 mm)	1.72 in

Max. Pull Tension:	156.8 lbs
Bulk Cable Weight:	50 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor
Flammability / Reaction to Fire:	UL1666 Riser
NEC / UL Compliance:	Article 760, FPLR
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
Plenum Number:	6326UL

History

Update and Revision:	Revision Number: 0.296 Revision Date: 12-20-2021
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Variants

Item #	Color	UPC
5326UL 0021000	Red	612825160755

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