



Product: [5520UL](#)

Fire Alarm, #22-2c BC, FPLR

Product Description

Fire Alarm Cable, Riser-FPLR, 2-22 AWG solid bare copper conductors with PVC 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	No. of Elements	Size	Stranding	Material
Pair(s)	1	22 AWG	Solid	BC - Bare Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Pair(s)	PO - Polyolefin	0.007 in (0.18 mm)	0.040 in (1.0 mm)	Black and Red

Outer Shield

Material
No Shield

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.017 in (0.43 mm)	0.114 in	Yes

Overall Cable Diameter (Nominal):	0.114 in
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Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Max. Current
Pair(s)	18.4 Ohm/1000ft	2.8 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.
0.91 in (23 mm)	0.91 in

Max. Pull Tension:	15.6 lbs (7.08 kg)
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Bulk Cable Weight:	8 lbs/1000ft
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Standards and Compliance

Environmental Suitability:	Indoor
Flammability / Reaction to Fire:	UL1666 Riser, FT4
NEC / UL Compliance:	Article 760, FPLR

History

Update and Revision:	Revision Number: 0.133 Revision Date: 02-03-2025
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Part Numbers

Variants

Item #	Color	UPC
5520UL 0021000	Red	612825366669

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