



Product: [5200UL](#) 

Fire Alarm, #16-2c BC, FPLR

Product Description

Fire Alarm Cable, Riser-FPLR, 2-16 AWG stranded bare copper conductors with polyolefin 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	16 AWG	19x29	BC - Bare Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Pair(s)	PP - Polypropylene	0.008 in (0.20 mm)	0.073 in (1.9 mm)	Black & Red

Outer Shield

Material
No Shield

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.017 in (0.43 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	Max. Current
4.2 Ohm/1000ft	22.75 pF/ft (74.64 pF/m)	6.3 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.
1.44 in (36.6 mm)	1.44 in

Max. Pull Tension:	61 lbs (28 kg)
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Bulk Cable Weight:	23 lbs/1000ft
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Standards and Compliance

Environmental Suitability:	Indoor - Riser, Indoor
Flammability / Reaction to Fire:	UL1666 Riser, FT4
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	Article 760, FPLR
CEC / C(UL) Compliance:	.
European Directive Compliance:	EU CE Mark, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
UK Regulation Compliance:	UKCA Mark
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Plenum Number:	6200UL

History

Update and Revision:	Revision Number: 0.315 Revision Date: 09-07-2025
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Part Numbers

Variants

Item #	Color	UPC
5200UL 002U1000	Red	612825157540

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