



**Product:** [5320UV](#) 

Fire Alarm, #18-2c BC, FPL Low Capacitance

**Product Description**  
Fire Alarm Cable, Riser-FPL, 2-18 AWG solid bare copper conductors with polypropylene insulation, PVC jacket with ripcord - Low Capacitance

**Technical Specifications**

**Product Overview**

Suitable Applications:	Fire Alarm, SLC Loops, Digital Audio Loops, Monitor/Detection, Circuits: Audio, Control, Initiating, Notification
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**Construction Details**

Element	No. of Pairs	Size	Stranding	Material
Pair(s)	1	18 AWG	Solid	BC - Bare Copper

Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
PP - Polypropylene	.015 in (0.38 mm)	.071 in (1.8 mm)	Black, Red

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	.030 in (0.76 mm)	.202	Yes

**Electrical Characteristics**

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Characteristic Impedence	Max. Current
6.4 Ohms/1000ft	14.5 pF/ft (47.6 pF/m)	100 Ohm	6.3 Amps per Conductor at 25°C

UL Voltage Rating
300 V

**Mechanical Characteristics**

UL Temperature	Operating
75°C	-5°C to +75°C

Stationary Min.
2.0 in (51 mm)

Max. Pull Tension:	39 lbs (18 kg)
Bulk Cable Weight:	25 lbs/1000ft (37 kg/km)

**Standards and Compliance**

Environmental Suitability:	Indoor, Indoor
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Flammability / Reaction to Fire:	UL 1685
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	Article 760, FPL
European Directive Compliance:	EU Directive 2015/863/EU (RoHS 2 amendment), REACH, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Plenum Number:	6320UJ

History

Update and Revision:	Revision Number: 0.11 Revision Date: 02-21-2024
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