



Product: [5320UL](#)

Fire Alarm, #18-2c BC, FPLR

Product Description

Fire Alarm Cable, Riser-FPLR, 2-18 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	AWG	Stranding	Material
Conductor(s)	2	18	Solid	BC - Bare Copper

Insulation

Element	Material	Thickness [in.]	Color Code
Conductor(s)	PP - Polypropylene	0.007	Black, Red

Outer Jacket Material

Material	Thickness	Nom. Diameter	Ripcord
PP - Polypropylene	0.017 in	0.143 in	Yes

Cable Diameter (Nominal):	0.143 in
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Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Shield	Max. Current
Conductor(s)	6.4 Ohm/1000ft	29 pF/ft	29 pF/ft	5 Amps per conductor @ 25°C

Voltage

UL Voltage Rating
300 V (FPLR)

Mechanical Characteristics

Temperature

UL Rating	Operating
75°C	-20°C to +75°C

Bend Radius

Stationary Min.	Installation Min.
1.5 in	1.4 in

Max. Pull Tension:	39 lbs
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Bulk Cable Weight:	15 lbs/1000ft
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Standards and Compliance

Environmental Suitability:	Indoor - Riser, Indoor
Flammability / Fire Resistance:	UL1666 Riser, IEC 60332-1-2
NEC / UL Compliance:	Article 760, FPLR
CPR Euroclass:	Eca
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU, EU Directive 2011/65/EU (ROHS II), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Plenum Number:	6320UL

History

Update and Revision:	Revision Number: 0.256 Revision Date: 07-31-2020
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