



Part Number: 5320UL

Fire Alarm, #18-2c BC, FPLR

Product Description

Fire Alarm Cable, Riser-FPLR, 2-18 AWG solid bare copper conductors with polyolefin insulation, PVC jacket with ripcord

Technical Specifications

Product Overview

Suitable Applications:	18 AWG Bare Copper Conductors ~ PP Insulation ~ Conductors Cabled Together ~ Red PVC Jacket With Ripcord ~ Sequential Footage Marking Every Two Feet
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Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
18	Solid	BC - Bare Copper	2

Conductor Count:	2
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Insulation

Material	Nominal Wall Thickness
PP - Polypropylene	0.007 in

Color Chart

Number	Color
1	Black
2	Red

Outer Shield Material

Material
Unshielded

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.143 in	0.017 in	Yes

Construction and Dimensions

Cabling

Lay Direction	Twists
Left Hand	4 twist/ft

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
6.4 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Shield
29 pF/ft	29 pF/ft

Inductance

Nominal Inductance

0.16 µH/ft

Current

Element	Max. Recommended Current [A]
10C Temperature Rise	Per conductor @ 25°C: 5 A

Voltage

UL Voltage Rating

300 V RMS

Temperature Range

UL Temp Rating:	75°C
Operating Temp Range:	-20°C To +75°C

Mechanical Characteristics

Bulk Cable Weight:	15.9 lbs/1000ft
Max Recommended Pulling Tension:	39.2 lbs
Min Bend Radius/Minor Axis:	1.5 in

Standards

NEC Articles:	760
NEC/(UL) Specification:	FPLR
CPR Euroclass:	Eca

Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/11/EC (BFR):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-04-01
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

Suitability

Suitability - Indoor:	Yes
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Flammability, LS0H, Toxicity Testing

UL Flammability:	UL1666 Riser
CSA Flammability:	FT4
ISO/IEC Flammability:	IEC 60332-1-2
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No
Plenum Number:	6320UL

Part Number

Variants

Item #	Color	UPC	Footnote
5320UL 0101000	Black	612825160526	
5320UL 010U1000	Black	612825160519	
5320UL D151000	Blue	612825160465	C
5320UL D15C500	Blue	612825160458	

5320UL 001U1000	Brown	612825160472	
5320UL 0021000	Red	612825160502	C
5320UL 002C500	Red		
5320UL 002U1000	Red	612825160489	
5320UL 002U500	Red	612825160496	
5320UL 009C500	White		

Footnote:	C - CRATE REEL PUT-UP.
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History

Update and Revision:	Revision Number: 0.210 Revision Date: 08-22-2019
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