



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
Conductor Size:			18 AWG

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
Shielding:	Unshielded

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
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

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

Part Number

Variants

Item #	Color	Footnote
5320UL 0101000	Black	
5320UL 010U1000	Black	
5320UL D151000	Blue	C
5320UL D15C500	Blue	
5320UL 001U1000	Brown	

5320UL 0021000	Red	C
5320UL 002C500	Red	
5320UL 002U1000	Red	
5320UL 002U500	Red	
5320UL 009C500	White	

Footnote:	C - CRATE REEL PUT-UP.
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