

Part Number: 5328UL

Fire Alarm, #18-10c BC, FPLR



Product Description

Fire Alarm Cable, Riser-FPLR, 10-18 AWG solid bare copper conductors with polyolefin insulation, PVC jacket with ripcord

Technical Specifications

Product Overview

Suitable Applications:	Fire Protections, Alarm, Signal, Monitor/Detection, Audio Circuits, Control Circuits, Initiating Circuits, Notification Circuits
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Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
18	Solid	BC - Bare Copper	10

Conductor Count:	10
Conductor Size:	18 AWG

Insulation

Element	Material	Nominal Wall Thickness
28	PP - Polypropylene	.007 in

Color Chart

Number	Color
1	Black
2	Red
3	Brown
4	Blue
5	Orange
6	Yellow
7	Purple
8	Green
9	Red/Black
10	Red/White

Inner Shield Material

Drainwire AWG
28

Outer Shield Material

Material	Drainwire AWG
Unshielded	28

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.254 in	0.018 in	Yes

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR

6.4 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor
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23 pF/ft

Shielding:	Unshielded
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Current

Max. Recommended Current [A]

3.5 Amps per conductor @ 25°C 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:	62 lbs/1000ft
Max Recommended Pulling Tension:	196 lbs
Min Bend Radius/Minor Axis:	2.6 in

Standards

NEC Articles:	760
NEC/(UL) Specification:	FPLR
Other Specification:	California State Fire Marshall

Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	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 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

Flammability, LSOH, Toxicity Testing

UL Flammability:	UL1666 Riser
CSA Flammability:	FT4
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No
Plenum Number:	6328UL

Part Number

Variants

Item #	Color
5328UL 0021000	Red

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