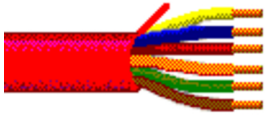


Part Number: 5324UL



Fire Alarm, #18-6c BC, FPLR

Product Description

Fire Alarm Cable, Riser-FPLR, 6-18 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	6

Conductor Count:	6
Conductor Size:	18 AWG

Insulation

Material	Nominal Wall Thickness
PP - Polypropylene	0.007 in

Color Chart

Number	Color
1	Black
2	Red
3	Brown
4	Blue
5	Orange
6	Yellow

Outer Shield Material

Material	Drainwire AWG
Unshielded	28

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.198 in	0.017 in	Yes

Construction and Dimensions

Cabling

Twists
3.7 twist/ft

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
6.4 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor

22 pF/ft

Shielding: Unshielded

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: 37 lbs/1000ft

Max Recommended Pulling Tension: 117.6 lbs

Min Bend Radius/Minor Axis: 2 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: 6324UL

Part Number**Variants**

Item #	Color	Footnote
5324UL 0021000	Red	C
5324UL 002U1000	Red	

Footnote: C - CRATE REEL PUT-UP.

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