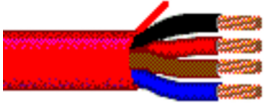


**Part Number: 5202UL**

**Fire Alarm, #16-4c BC, FPLR**



## Product Description

Fire Alarm Cable, Riser-FPLR, 4-16 AWG stranded 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

### Physical Characteristics (Overall)

#### Conductor

AWG	Stranding	Material	No. of Conductors
16	19x29	BC - Bare Copper	4

Conductor Count: 4

Conductor Size: 16 AWG

#### Insulation

Material	Nominal Wall Thickness
PP - Polypropylene	0.008 in

#### Color Chart

Number	Color
1	Black
2	Red
3	Brown
4	Blue

#### Outer Shield Material

Material
Unshielded

#### Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.21 in	0.017 in	Yes

### Construction and Dimensions

#### Cabling

Twists
3.4 twist/ft

### Electrical Characteristics

#### Conductor DCR

Nominal Conductor DCR
4.2 Ohm/1000ft

#### Capacitance

Nom. Capacitance Conductor to Conductor
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22.75 pF/ft
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Shielding:	Unshielded
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#### Current

##### Max. Recommended Current [A]

8.8 Amps per conductor @ 25°C A
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#### Voltage

##### UL Voltage Rating

300 V RMS
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### Temperature Range

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

### Mechanical Characteristics

Bulk Cable Weight:	41 lbs/1000ft
Max Recommended Pulling Tension:	121.5 lbs
Min Bend Radius/Minor Axis:	2.125 in

### Standards

NEC Articles:	760
NEC/(UL) Specification:	FPLR

### 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):	2009-10-01
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 Number:	6202UL
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### Part Number

#### Variants

Item #	Color
5202UL 002U1000	Red

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