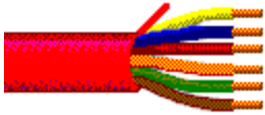


**Part Number: 5524UL**



**Fire Alarm, #22-6c BC, FPLR**

## Product Description

Fire Alarm Cable, Riser-FPLR, 6-22 AWG solid bare copper conductors with PVC 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
22	Solid	BC - Bare Copper	6

Conductor Count:	6
Conductor Size:	22 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
Unshielded

#### Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.168 in	0.015 in	Yes

## Construction and Dimensions

#### Cabling

Twists
4.4 twist/ft

## Electrical Characteristics

#### Conductor DCR

Nominal Conductor DCR
15.7 Ohm/1000ft

#### Capacitance

**Nom. Capacitance Conductor to Conductor**

18.5 pF/ft

Shielding: Unshielded

**Current****Max. Recommended Current [A]**

2 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: 20.7 lbs/1000ft

Max Recommended Pulling Tension: 46.8 lbs

Min Bend Radius/Minor Axis: 1.5 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 &amp; 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: 6524UL

**Part Number****Variants**

Item #	Color
5524UL 002U1000	Red

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