# Product: 5326UL

Fire Alarm, #18-8c BC, FPLR

## Product Description

Fire Alarm Cable, Riser-FPLR, 8-18 AWG solid bare copper conductors with polypropylene insulation, PVC jacket with ripcord

## Technical Specifications

### Product Overview

| | |
|---|---|
| Suitable Applications: | Fire Alarm, Monitor/Detection, Circuits: Audio, Control, Initiating, Notification |

### Physical Characteristics (Overall)

**Conductor**

| AWG | Stranding | Material | No. of Conductors |
|---|---|---|---|
| 18 | Solid | BC - Bare Copper | 8 |

| | |
|---|---|
| Conductor Count: | 8 |

**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 |
| 7 | Purple |
| 8 | Green |

**Outer Shield Material**

| Material | Drainwire AWG |
|---|---|
| No Shield | 28 |

**Outer Jacket Material**

| Material | Nominal Diameter | Nominal Wall Thickness | Ripcord |
|---|---|---|---|
| PVC - Polyvinyl Chloride | 0.216 in | 0.018 in | Yes |

### Construction and Dimensions

**Cabling**

| Twists |
|---|
| 3.43 twist/ft |

### Electrical Characteristics

**Conductor DCR**

| Nominal Conductor DCR |
| --- |
| 6.4 Ohm/1000ft |

**Capacitance**

| Nom. Capacitance Conductor to Conductor |
| --- |
| 30 pF/ft |

**Current**

| Max. Recommended Current [A] |
| --- |
| 3.5 Amps per Conductor at 25ºC |

**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: | 53.8 lbs/1000ft |
| Max. Pull Tension: | 156.8 lbs |
| Min Bend Radius/Minor Axis: | 2.2 in |

## Standards

| | |
| --- | --- |
| NEC Articles: | Article 760 |
| NEC/(UL) Compliance: | FPLR |
| Other Compliance: | 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 |
| MII Order #39 (China RoHS): | Yes |

## 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: | 6326UL |

## Part Number

**Variants**

| Item # | Color | UPC |
| --- | --- | --- |
| 5326UL 0021000 | Red | 612825160755 |

## History

| | |
| --- | --- |
| Update and Revision: | Revision Number: 0.220 Revision Date: 06-24-2020 |

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