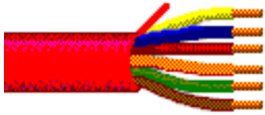


**Part Number: 6326UL**



**Fire Alarm, #18-8c BC, FPLP**

**Product Description**

Fire Alarm Cable, Plenum-FPLP, 8-18 AWG solid bare copper conductors with Flamarrest® insulation, Flamarrest® jacket with ripcord

**Technical Specifications**

**Product Overview**

Suitable Applications:	Fire Protection, 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	8

Conductor Count:	8
Conductor Size:	18 AWG

**Insulation**

Material	Material Trade Name	Nominal Wall Thickness
LS PVC - Low Smoke Polyvinyl Chloride	Flamarrest®	0.01 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
Unshielded

**Outer Jacket Material**

Material	Material Trade Name	Nominal Diameter	Nominal Wall Thickness	Ripcord
LS PVC - Low Smoke Polyvinyl Chloride	Flamarrest®	0.23 in	0.015 in	Yes

**Construction and Dimensions**

**Cabling**

Twists
3 twist/ft

**Electrical Characteristics**

**Conductor DCR**

Nominal Conductor DCR
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6.4 Ohm/1000ft
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#### Capacitance

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

Max. Recommended Current [A]
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3.5 Amps per conductor @ 25°C A
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#### Voltage

UL Voltage Rating
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300 V RMS
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#### Temperature Range

UL Temp Rating:	75°C
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Operating Temp Range:	0°C To +75°C
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#### Mechanical Characteristics

Bulk Cable Weight:	59.8 lbs/1000ft
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Max Recommended Pulling Tension:	156.8 lbs
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Min Bend Radius/Minor Axis:	2.3 in
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#### Standards

NEC Articles:	760
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NEC/(UL) Specification:	FPLP
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Other Specification:	California State Fire Marshall
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#### Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
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EU Directive 2003/96/EC (BFR):	Yes
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EU Directive 2011/65/EU (ROHS II):	Yes
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EU Directive 2012/19/EU (WEEE):	Yes
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EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
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EU CE Mark:	Yes
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EU RoHS Compliance Date (yyyy-mm-dd):	2005-04-01
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CA Prop 65 (CJ for Wire & Cable):	Yes
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MII Order #39 (China RoHS):	Yes
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#### Flammability, LS0H, Toxicity Testing

UL Flammability:	NFPA 262 Plenum Flame Test (UL910)
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UL voltage rating:	300 V RMS
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#### Plenum/Non-Plenum

Plenum (Y/N):	Yes
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#### Part Number

Non-Plenum Number:	5326UL
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#### Variants

Item #	Color	Footnote
6326UL 0021000	Red	C

Footnote:	C - CRATE REEL PUT-UP.
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