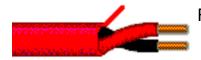


Part Number: 6320UL



Fire Alarm, #18-2c BC, FPLP

#### **Product Description**

Fire Alarm Cable, Plenum-FPLP, 2-18 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

#### **Physical Characteristics (Overall)**

#### Conductor

AWG	Stranding	Material	No. of Conductors
18	Solid	BC - Bare Copper	2
Condu	ctor Count:		2
Condu	ictor Size:		18 AWG

#### Insulation

Material	Material Trade Name	Nominal Wall Thickness
LS PVC - Low Smoke Polyvinyl Chloride	Flamarrest®	0.008 in

## Color Chart

Number	Color
1	Black
2	Red

#### **Outer Shield Material**



## Outer Jacket Material

Material	Material Trade Name	Nominal Diameter	Nominal Wall Thickness	Ripcord
LS PVC - Low Smoke Polyvinyl Chloride	Flamarrest®	0.144 in	0.015 in	Yes

## **Construction and Dimensions**

#### Cabling



## **Electrical Characteristics**

#### Conductor DCR

Nominal Conductor DCR 6.4 Ohm/1000ft

#### Capacitance

Nom. Capacitance Conductor to Conductor 31 pF/ft

Shielding: Unshielded

#### Inductance

# Nominal Inductance 0.15 µH/ft

#### Current

# Max. Recommended Current [A] 5 Amps per conductor @ 25°C A

#### Voltage

# UL Voltage Rating 300 V RMS

# **Temperature Range**

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

## **Mechanical Characteristics**

Bulk Cable Weight:	16 lbs/1000ft
Max Recommended Pulling Tension:	39.2 lbs
Min Bend Radius/Minor Axis:	1.5 in

## **Standards**

NEC Articles:	760
NEC/(UL) Specification:	FPLP
Other Specification:	California State Fire Marshall

# **Applicable Environmental and Other Programs**

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, LS0H, Toxicity Testing

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

## Plenum/Non-Plenum

Plenum (Y/N):	Yes

# **Part Number**

Non-Plenum Number:	5320UL	

#### Variants

Color	Footnote
Black	
Black	
Black	
Blue	
Green, Dark	
Green, Dark	
Orange	
Orange	
Pink	
Red	С
Red	
Red	
Violet	
Violet	
White	
	Black Black Black Blue Green, Dark Green, Dark Orange Orange Pink Red Red Red Violet Violet

6320UL 009U1000	White	
6320UL 004U1000	Yellow	

Footnote: C - CRATE REEL PUT-UP.

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