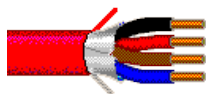


## 6322FL Multi-Conductor - Commercial Applications



For more Information  
please call

1-800-Belden1

**General Description:**

Fire Alarm Cable, Plenum-FPLP, 4-18 AWG solid bare copper conductors with Flamarrest® insulation, Overall Beldfoil® shield, Flamarrest® jacket with ripcord

**Usage (Overall)**

Suitable Applications: Fire Protection, Alarm, Signal, Monitor/Detection, Audio Circuits, Control Circuits, Initiating Circuits, Notification Circuits

**Physical Characteristics (Overall)****Conductor**

AWG:

# Conductors	AWG	Stranding	Conductor Material
4	18	Solid	BC - Bare Copper

Total Number of Conductors: 4

**Insulation**

Insulation Material:

Insulation Trade Name	Insulation Material	Wall Thickness (in.)
Flamarrest®	LS PVC - Low Smoke Polyvinyl Chloride	0.010

**Outer Shield**

Outer Shield Material:

Outer Shield Trade Name	Type	Outer Shield Material	Coverage (%)
Beldfoil®	Tape	Aluminum Foil-Polyester Tape w/Shorting Fold	100

Outer Shield Drain Wire AWG:

AWG	Stranding	Drain Wire Conductor Material
24	Solid	TC - Tinned Copper

**Outer Jacket**

Outer Jacket Material:

Outer Jacket Trade Name	Outer Jacket Material	Nom. Wall Thickness (in.)
Flamarrest®	LS PVC - Low Smoke Polyvinyl Chloride	.015

Outer Jacket Ripcord: Yes

**Overall Cable**

Overall Cabling Color Code Chart:

Number	Color
1	Black
2	Red
3	Brown
4	Blue

Overall Nominal Diameter: 0.180 in.

**Mechanical Characteristics (Overall)**

Operating Temperature Range:	0°C To +75°C
UL Temperature Rating:	75°C
Bulk Cable Weight:	32 lbs/1000 ft.
Max. Recommended Pulling Tension:	92.400 lbs.
Min. Bend Radius/Minor Axis:	1.800 in.

**Applicable Specifications and Agency Compliance (Overall)****Applicable Standards & Environmental Programs**

NEC/(UL) Specification:	FPLP
NEC Articles:	760
EU Directive 2011/65/EU (ROHS II):	Yes

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EU CE Mark:	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes
Other Specification:	California State Fire Marshall

## Flame Test

UL Flame Test:	NFPA 262
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## Plenum/Non-Plenum

Plenum (Y/N):	Yes
Non-Plenum Number:	5322FL

## Electrical Characteristics (Overall)

## Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

40

## Nom. Capacitance Cond. to Other Conductor &amp; Shield:

Capacitance (pF/ft)

72

## Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

6.4

## Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

16.900

## Max. Operating Voltage - UL:

Voltage

300 V RMS

## Max. Recommended Current:

Current

4 Amps per conductor @ 25°C

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
6322FL 0021000	1,000 FT	33.000 LB	RED	C	4 #18 FLRST FS FLRST

## Notes:

C = CRATE REEL PUT-UP.

Revision Number: 3 Revision Date: 03-13-2013

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