

## 6320FL Multi-Conductor - Commercial Applications - 2 Conductors Cabled



For more Information  
please call

1-800-Belden1



### Description:

18 AWG bare copper conductors, Flamarrest® insulation, cabled together, Flamarrest® jacket with ripcord, shielded version has overall Beldfoil® shield tape (foil side out) and drain wire, sequential footage marking every two feet.

### 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
2	18	Solid	BC - Bare Copper

#### 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 Lay Length & Direction:**

Length (in.)	Twists (ft.)
3	4

**Overall Cabling Color Code Chart:**

Number	Color
1	Black
2	Red

**Overall Nominal Diameter:** 0.155 in.

### Mechanical Characteristics (Overall)

**Operating Temperature Range:** 0°C To +75°C

**UL Temperature Rating:** 75°C

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<b>Bulk Cable Weight:</b>	20.700 lbs/1000 ft.
<b>Max. Recommended Pulling Tension:</b>	53.200 lbs.
<b>Min. Bend Radius (Install)/Minor Axis:</b>	1.500 in.

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

<b>NEC/(UL) Specification:</b>	FPLP
<b>NEC Articles:</b>	760
<b>EU CE Mark:</b>	Yes
<b>EU Directive 2000/53/EC (ELV):</b>	Yes
<b>EU Directive 2002/95/EC (RoHS):</b>	Yes
<b>EU RoHS Compliance Date (mm/dd/yyyy):</b>	04/01/2005
<b>EU Directive 2002/96/EC (WEEE):</b>	Yes
<b>EU Directive 2003/11/EC (BFR):</b>	Yes
<b>CA Prop 65 (CJ for Wire &amp; Cable):</b>	Yes
<b>MII Order #39 (China RoHS):</b>	Yes
<b>Other Specification:</b>	California State Fire Marshall

#### Flame Test

<b>UL Flame Test:</b>	NFPA 262
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#### Plenum/Non-Plenum

<b>Plenum (Y/N):</b>	Yes
<b>Non-Plenum Number:</b>	5320FL

### Electrical Characteristics (Overall)

#### Nom. Inductance:

**Inductance (µH/ft)**

#### Nom. Capacitance Conductor to Conductor:

**Capacitance (pF/ft)**

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

**Capacitance (pF/ft)**

#### Nom. Conductor DC Resistance:

**DCR @ 20°C (Ohm/1000 ft)**

#### Nominal Outer Shield DC Resistance:

**DCR @ 20°C (Ohm/1000 ft)**

#### Max. Operating Voltage - UL:

**Voltage**

#### Max. Recommended Current:

**Current**

### Related Documents:

No related documents are available for this product

## 6320FL Multi-Conductor - Commercial Applications - 2 Conductors Cabled

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
6320FL 002U1000	1,000 FT	22.000 LB	RED		2 #18 FLRST FS FLRST
6320FL 0021000	1,000 FT	22.000 LB	RED	C	2 #18 FLRST FS FLRST
6320FL 009U1000	1,000 FT	22.000 LB	WHITE		2 #18 FLRST FS FLRST
6320FL 0101000	1,000 FT	22.000 LB	BLACK		2 #18 FLRST FS FLRST

**Notes:**

C = CRATE REEL PUT-UP.

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