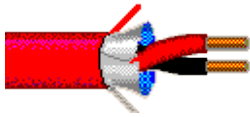


## 5320FL Multi-Conductor - Commercial Applications - 2 Conductors Cabled

For more Information  
please call

1-800-Belden1



### Description:

18 AWG bare copper conductors, PP insulation, conductors cabled together, Beldfoil® shield and drain wire, PVC jacket with ripcord, 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 Material	Wall Thickness (in.)
PP - Polypropylene	0.007

#### Outer Shield

**Outer Shield Material:**

Outer Shield Trade Name	Outer Shield Material	Coverage (%)
Beldfoil®	Aluminum Foil-Polyester Tape	100

**Outer Shield Drain Wire AWG:**

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

#### Outer Jacket

**Outer Jacket Material:**

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	0.017

**Outer Jacket Ripcord:**

Yes

#### Overall Cabling

**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:**

0.147 in.

### Mechanical Characteristics (Overall)

**Operating Temperature Range:**

-20°C To +75°C

**UL Temperature Rating:**

75°C

**Bulk Cable Weight:**

20 lbs/1000 ft.

## 5320FL Multi-Conductor - Commercial Applications - 2 Conductors Cabled

Max. Recommended Pulling Tension: 53.200 lbs.

Min. Bend Radius (Install)/Minor Axis: 1.500 in.

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

NEC/(UL) Specification: FPLR

NEC Articles: 760

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: UL1666 Vertical Shaft

CSA Flame Test: FT4

#### Plenum/Non-Plenum

Plenum Number: 6320FL

### Electrical Characteristics (Overall)

#### Nom. Inductance:

Inductance (µH/ft)

0.150

#### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

55.000

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

Capacitance (pF/ft)

99.000

#### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

6.4

#### Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

17.900

#### Max. Operating Voltage - UL:

Voltage

300 V RMS

#### Max. Recommended Current:

Current

5 Amps per conductor @ 25°C

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
5320FL D15U1000	1,000 FT	22.000 LB	BLUE		2 #18 PP FS FRPVC
5320FL D151000	1,000 FT	22.000 LB	BLUE	C	2 #18 PP FS FRPVC

## 5320FL Multi-Conductor - Commercial Applications - 2 Conductors Cabled

5320FL 002U1000	1,000 FT	18.000 LB	RED		2 #18 PP FS FRPVC
5320FL 002U500	500 FT	9.500 LB	RED		2 #18 PP FS FRPVC
5320FL 0021000	1,000 FT	18.000 LB	RED	C	2 #18 PP FS FRPVC
5320FL 003C500	500 FT	10.000 LB	ORANGE		2 #18 PP FS FRPVC
5320FL 004C500	500 FT	10.000 LB	YELLOW		2 #18 PP FS FRPVC
5320FL 0041000	1,000 FT	22.000 LB	YELLOW		2 #18 PP FS FRPVC
5320FL 0071000	1,000 FT	22.000 LB	VIOLET		2 #18 PP FS FRPVC

**Notes:**

C = CRATE REEL PUT-UP.

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