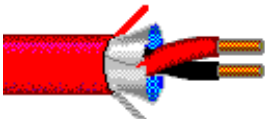



**5220FL Non-Paired - Commercial Applications - 2 Conductors Cabled**

 	<p>For more information please call <b>1-800-Belden1</b></p> <p><u>See Put-ups and Colors</u></p> <p><b>Related Documents : New Generation - Fire Alarm Cables.pdf</b></p>
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**Description:**

16 AWG bare copper conductors, PVC insulation, conductors cabled together, Beldfoil® shield and drain wire, PVC jacket with ripcord, sequential footage marking every two feet.

**SUITABLE APPLICATIONS:**

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

**CONDUCTOR:**

Number of Conductors	2
Total Number of Conductors	2
AWG	16
Stranding	Solid
Conductor Material	BC - Bare Copper

**INSULATION:**

Insulation Material	PVC - Polyvinyl Chloride
Nom. Insulation Wall Thickness	.010 in.

**OVERALL CABLING:**

Overall Cabling Lay Length	3 in.
Overall Cabling Twists/ft.	4

Overall Cabling Color Code Chart :

Number	Color	Number	Color
1	Black	2	Red

**OUTER SHIELD:**

Outer Shield Material Trade Name	Beldfoil®
Outer Shield Material	Aluminum Foil-Polyester Tape
Outer Shield % Coverage	100 %
Outer Shield Drain Wire AWG	20

**5220FL Non-Paired - Commercial Applications - 2 Conductors Cabled**

Outer Shield Drain Wire Stranding	7
Outer Shield Drain Wire Conductor Material	TC - Tinned Copper

**OUTER JACKET:**

Outer Jacket Material	PVC - Polyvinyl Chloride
Outer Jacket Ripcord	Yes

**OVERALL NOMINAL DIAMETER:**

Overall Nominal Diameter	.178 in.
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**MECHANICAL CHARACTERISTICS:**

Operating Temperature Range	-20°C To +75°C
UL Temperature Rating	75°C
Bulk Cable Weight	31.1 lbs/1000 ft.
Max. Recommended Pulling Tension	75 lbs.
Min. Bend Radius (Install)	2 in.

**APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:**

**APPLICABLE STANDARDS:**

NEC/(UL) Specification	FPLR
NEC Articles	760
CEC/C(UL) Specification	CMG
EU CE Mark (Y/N)	Yes
EU RoHS Compliant (Y/N)	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005
Other Specification	California State Fire Marshall

**FLAME TEST:**

UL Flame Test	UL1666 Vertical Shaft
C(UL) Flame Test	FT4

**PLENUM/NON-PLENUM:**

Plenum (Y/N)	N
Plenum Number	6220FL

**ELECTRICAL CHARACTERISTICS:**

Nom. Inductance	.15 µH/ft
Nom. Capacitance Conductor to Conductor @ 1 KHz	77 pF/ft
Nom. Cap. Cond. to Other Cond. & Shield @ 1 KHz	139 pF/ft
Nom. Conductor DC Resistance @ 20 Deg. C	3.9 Ohms/1000 ft
Nominal Outer Shield DC Resistance @ 20 Deg. C	7.6 Ohms/1000 ft
Max. Operating Voltage - UL	300 V RMS
Max. Recommended Current	6.3 Amps per conductor @ 25°C

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## 5220FL Non-Paired - Commercial Applications - 2 Conductors Cabled

### PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
5220FL 0091000	2 #16 PVC FS FRPVC	1000	29	WHITE	
5220FL D151000	2 #16 PVC FS FRPVC	1000	29	BLUE	
5220FL 0021000	2 #16 PVC FS FRPVC	1000	29	RED	C

C = CRATE REEL PUT-UP.

Revision Number: 1      Revision Date: 10-05-2005

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