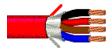
## **Detailed Specifications & Technical Data**

### **METRIC MEASUREMENT VERSION**



## 5202FL Multi-Conductor - Commercial Applications



For more Information please call

1-800-Belden1



### **General Description:**

Fire Alarm Cable, Riser-FPLR, 4-16 AWG stranded bare copper conductors with polyolefin insulation, Overall Beldfoil® shield, PVC jacket with ripcord

### Usage (Overall) Suitable Applications: Fire Protections, Alarm, Signal, Monitor/Detection, Audio Circuits, Control Circuits, Initiating Circuits, Notification Circuits **Physical Characteristics (Overall)** Conductor AWG: # Conductors AWG Stranding Conductor Material 16 19x29 BC - Bare Copper **Total Number of Conductors:** Insulation Insulation Material: Insulation Material Wall Thickness (mm) PP - Polypropylene | 0.203 **Outer Shield Outer Shield Material:** Outer Shield Trade Name Type Outer Shield Material Beldfoil® Tape | Aluminum Foil-Polyester Tape w/Shorting Fold | 100 Outer Shield Drain Wire AWG: **AWG Stranding Drain Wire Conductor Material** TC - Tinned Copper (7x32) **Outer Jacket** Outer Jacket Material: Outer Jacket Material Nom. Wall Thickness (mm) PVC - Polyvinyl Chloride | 0.432 Outer Jacket Ripcord: Yes **Overall Cable** Overall Cabling Lay Length & Direction: Length (mm) Twists (twist/m) 76.200 13.124 **Overall Cabling Color Code Chart:** Number Color Black Red Blue Brown **Overall Nominal Diameter:** 5.436 mm **Mechanical Characteristics (Overall)** -20°C To +75°C **Operating Temperature Range:** UL Temperature Rating: 75°C

65.481 Kg/Km

540.456 N

53.975 mm

### Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

Max. Recommended Pulling Tension:

Min. Bend Radius/Minor Axis:

**Bulk Cable Weight:** 

Page 1 of 2

## **Detailed Specifications & Technical Data**

### **METRIC MEASUREMENT VERSION**



### 5202FL Multi-Conductor - Commercial Applications

	NEC/(UL) Specification:	FPLR			
	NEC Articles:	760			
	EU Directive 2011/65/EU (ROHS II):	Yes			
	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):	10/01/2009			
	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			
Flame Test					
	UL Flame Test:	UL1666 Vertical Shaft			
	CSA Flame Test:	FT4			
Plenum/Non-Plenum					
	Plenum (Y/N):	No			
	Plenum Number:	6202FL			

### **Electrical Characteristics (Overall)**

Nom. Capacitance Conductor to Conductor:



Nom. Capacitance Cond. to Other Conductor & Shield:



Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km) 47.575

Max. Operating Voltage - UL:

300 V RMS

Max. Recommended Current:

8.8 Amps per conductor @ 25°C

#### **Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
5202FL 002U1000	1,000 FT	46.000 LB	RED		4 #16 PO FS PVC

Revision Number: 0 Revision Date: 01-20-2015

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Page 2 of 2

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