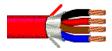
Detailed Specifications & Technical Data

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:

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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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product.

Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 2014/35/EU).

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