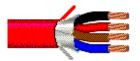
Detailed Specifications & Technical Data

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:

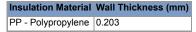
# Conductors	AWG	Stranding	Conductor Material
4	16	19x29	BC - Bare Copper

Total Number of Conductors:

4

Insulation

Insulation Material:



Outer Shield

Outer Shield Material:

Outer Shield Trade Name Type		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	(7x32)	TC - Tinned Copper

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.432

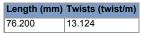
Outer Jacket Ripcord:

Yes

-20°C To +75°C

Overall Cable

Overall Cabling Lay Length & Direction:



Overall Cabling Color Code Chart:

Number	Color
1	Black
2	Red
3	Blue
4	Brown

Overall Nominal Diameter: 5.436 mm

Mechanical Characteristics (Overall)

Operating Temperature Range:

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5202FL Multi-Conductor - Commercial Applications

UL Temperature Rating:	75°C
Bulk Cable Weight:	65.481 Kg/Km
Max. Recommended Pulling Tension:	540.456 N
Min. Bend Radius/Minor Axis:	53.975 mm

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

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	

6202FL

Plenum Number:

Plenum (Y/N): No

Electrical Characteristics (Overall) Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m) 100.891

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/m) 182.096

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km) 13.780

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km) 47.575

Max. Operating Voltage - UL:

Voltage 300 V RMS

Max. Recommended Current:

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

Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION



5202FL Multi-Conductor - Commercial Applications

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

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