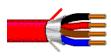
Detailed Specifications & Technical Data



ENGLISH MEASUREMENT VERSION

5322FL Multi-Conductor - Commercial Applications



For more Information please call

1-800-Belden1



General Description:

Fire Alarm Cable, Riser-FPLR, 4-18 AWG solid bare copper conductors with polyolefin insulation, Overall Beldfoil® shield, PVC jacket with ripcord

Suitable Applications:	Fire Protection, Alarm, Signal, Monitor/Detection, Audio Circuits, Control Circuits, Initiating Circuits, Notification Circuits
hysical Characteristics (Overall)	
Conductor AWG:	
# Conductors AWG Stranding Conductor Material	
4 18 Solid BC - Bare Copper	
Total Number of Conductors:	4
sulation	
Insulation Material: Insulation Material Wall Thickness (in.)	
PP - Polypropylene 0.007	
Duter Shield	
Outer Shield Material:	
	verage (%)
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 Cable	
Overall Cabling Lay Length & Direction:	
Length (in.) Twists (twist/ft) 2.750 4.400	
Overall Cabling Color Code Chart:	
Number Color	
1 Black	
2 Red	
3 Brown	
4 Blue	
Overall Nominal Diameter:	0.170 in.
echanical Characteristics (Overall)	
Operating Temperature Range:	-20°C To +75°C
UL Temperature Rating:	75°C
Bulk Cable Weight:	31.100 lbs/1000 ft.
Max. Recommended Pulling Tension:	92.400 lbs.
Min. Bend Radius/Minor Axis:	1.750 in.
	e (Overall)

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Detailed Specifications & Technical Data



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5322FL 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):	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 (Y/N):	No
Plenum Number:	6322FL
Electrical Characteristics (Overall)	

E Nom. Capacitance Conductor to Conductor:

nonn supustantes sonaaster to sonaas	
Capacitance (pF/ft)	
30.000	
Nom. Capacitance Cond. to Other Condu	ctor & Shiel
Capacitance (pF/ft)	
54.000	
Nom. Conductor DC Resistance:	
DCR @ 20°C (Ohm/1000 ft)	
6.4	
Nominal Outer Shield DC Resistance:	
DCR @ 20°C (Ohm/1000 ft)	
7.6	
Max. Operating Voltage - UL:	
Voltage	
300 V RMS	
Max. Recommended Current:	
Current	
3.5 Amps per conductor @ 25°C	

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
5322FL 002U1000	1,000 FT	30.000 LB	RED		4 #18 PP FS FRPVC
5322FL 0021000	1,000 FT	32.000 LB	RED	С	4 #18 PP FS FRPVC

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 3 Revision Date: 03-13-2013

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