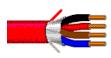
Detailed Specifications & Technical Data



ENGLISH MEASUREMENT VERSION

6122FL Multi-Conductor - Commercial Applications



For more Information please call

1-800-Belden1



General Description:

Fire Alarm Cable, Plenum-FPLP, 4-14 AWG solid bare copper conductors with Flamarrest® insulation, Overall Beldfoil® shield, Flamarrest® jacket with ripcord

Usage (Overall)	
Suitable Applications:	Fire Protection, Alarm, Signal, Monitor/Detection, Audio Circuits, Control Circuits, Initiating Circuits,
	Notification Circuits
Physical Characteristics (Overall)	
Conductor AWG:	
AWG: # Conductors AWG Stranding Conductor Material	
4 14 Solid BC - Bare Copper	
Total Number of Conductors:	4
Insulation	
Insulation Material: Insulation Trade Name Insulation Material Wa	II Thickness (in.)
Flamarrest® LS PVC - Low Smoke Polyvinyl Chloride 0.0	
Outer Shield	
Outer Shield Material:	
Outer Shield Trade Name Type Outer Shield Material Beldfoil® Tape Aluminum Foil-Polyester Tape w/Sh	Coverage (%)
Outer Shield Drain Wire AWG:	
AWG Stranding Drain Wire Conductor Material	
22 solid TC - Tinned Copper	
Outer Jacket Outer Jacket Material:	
	Nom. Wall Thickness (in.)
Flamarrest® LS PVC - Low Smoke Polyvinyl Chloride .	015
Outer Jacket Ripcord:	Yes
Overall Cable Overall Cabling Lay Length & Direction:	
Length (in.) Twists (twist/ft)	
3.5 3.4	
Overall Cabling Color Code Chart:	
Number Color	
1 Black 2 Red	
3 Brown	
4 Blue	
Overall Nominal Diameter:	0.245 in.
Mechanical Characteristics (Overall)	
Operating Temperature Range:	0°C To +75°C
UL Temperature Rating:	75°C
Bulk Cable Weight:	73 lbs/1000 ft.
Max. Recommended Pulling Tension:	212.800 lbs.
Min. Bend Radius/Minor Axis:	2.500 in.
Applicable Specifications and Agency Compliance (Ov	/erall)

Applicable Standards & Environmental Programs

Detailed Specifications & Technical Data



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	NEC/(UL) Specification:	FPLP			
	NEC Articles:	760			
	EU Directive 2011/65/EU (ROHS II):	Yes			
-	EU CE Mark:	Yes Yes			
	EU Directive 2000/53/EC (ELV):				
-	EU Directive 2002/95/EC (RoHS):	Yes			
	EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005			
	EU Directive 2002/96/EC (WEEE):	Yes Yes Yes			
-	EU Directive 2003/11/EC (BFR):				
-	CA Prop 65 (CJ for Wire & Cable):				
-	MII Order #39 (China RoHS):	Yes			
	Other Specification:	California State Fire Marshall			
Flar	ne Test				
	UL Flame Test:	NFPA 262			
Plei	num/Non-Plenum				
	Plenum (Y/N):	Yes			
	Non-Plenum Number:	5122FL			

Capacitance (pF/ft)
46
Nom. Capacitance Cond. to Other Conductor & Shield:
Capacitance (pF/ft)
82.8
Nom. Conductor DC Resistance:
DCR @ 20°C (Ohm/1000 ft)
2.43
Nominal Outer Shield DC Resistance:
DCR @ 20°C (Ohm/1000 ft)
11.300
Max. Operating Voltage - UL:
Voltage
300 V RMS
Max. Recommended Current:
Current
6.4 Amps per conductor @ 25°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
6122FL 0021000	1,000 FT	77.000 LB	RED	С	4 #14 FLRST FS FLRST

Notes:

C = CRATE REEL PUT-UP.

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