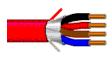
Detailed Specifications & Technical Data



METRIC MEASUREMENT VERSION

5122FN Multi-Conductor - NPLF Systems



For more Information please call

1-800-Belden1



General Description:

Fire Alarm Cable, Rated-NPLF, 4-14 AWG solid bare copper conductors with PVC/Nylon insulation, Overall Beldfoil® shield, PVC jacket with ripcord

sage (Overall)				
Suitable Applications:	Fire Alarm, Audio Circuits, Control Circuits, Initiating Circuits, Notification Circuits, Non-Power Limited Signaling Cable			
hysical Characteristics (Overall)				
Conductor AWG:				
# Conductors AWG Stranding Conductor Material 4 14 Solid BC - Bare Copper				
Total Number of Conductors:	4			
nsulation Insulation Material:				
Insulation Material Wall Thickness (mm) PVC/Nylon - Polyvinyl Chloride/Nylon 0.5334				
Duter Shield Outer Shield Material:				
Outer Shield Trade Name Type Outer Shield Material Beldfoil® Tape Aluminum Foil-Polyester	Coverage (%) Fape w/Shorting Fold 100			
AWG Stranding Drain Wire Conductor Material 20 (7x28) TC - Tinned Copper				
Outer Jacket Outer Jacket Material: Outer Jacket Material Nom. Wall Thickness (mm) PVC - Polyvinyl Chloride 1.0668				
Outer Jacket Ripcord:	Yes			
Overall Cable Overall Cabling Lay Length & Direction: Length (mm) Twists (twist/m) 101.5996 9.843				
Overall Cabling Color Code Chart: Number Color				
1 Black 2 Red 3 Brown 4 Blue				
Overall Nominal Diameter:	8.839 mm			
lechanical Characteristics (Overall)				
Operating Temperature Range:	-20°C To +75°C			
UL Temperature Rating:	75°C			
Bulk Cable Weight:	139.742 Kg/Km			
Max. Recommended Pulling Tension:	946.577 N			
Min. Bend Radius/Minor Axis:	88.900 mm			
Applicable Specifications and Agency Complian Applicable Standards & Environmental Programs	ice (Overall)			

Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION



5122FN Multi-Conductor - NPLF Systems

NEC/(UL) Specification:		NPLF				
NEC Articles:		760				
EU Directive 2011/65/EU (RO	HS II):	Yes				
EU CE Mark:		Yes				
EU Directive 2000/53/EC (EL	v):	Yes				
EU Directive 2002/95/EC (Rol	HS):	Yes				
EU RoHS Compliance Date (mm/dd/yyyy):	07/01/200	95			
EU Directive 2002/96/EC (WE	.EE):	Yes				
EU Directive 2003/11/EC (BFI	R):	Yes				
CA Prop 65 (CJ for Wire & Ca	able):	Yes				
MII Order #39 (China RoHS):		Yes				
Flame Test						
UL Flame Test:		UL1685 U	IL Loading			
Suitability Suitability - Indoor:		Yes				
Plenum/Non-Plenum		Tes				
Plenum (Y/N):		No				
						_
Electrical Characteristics Nom. Capacitance Conductor to C						
Capacitance (pF/m) 123.694						
Nom. Capacitance Cond. to Other Capacitance (pF/m) 222.78	Conductor & Shield:					
Nom. Conductor DC Resistance: DCR @ 20°C (Ohm/km) 8.07126						
Nominal Outer Shield DC Resistan DCR @ 20°C (Ohm/km) 22.6389	100:					
Max. Operating Voltage - UL: Voltage 150 V RMS						
Max. Recommended Current: Current 6.4 Amps per conductor @ 25°C	5					
Put Ups and Colors:						
Item #	Putup	Ship Weight	Color	Notes	Item Desc	

Revision Number: 2 Revision Date: 01-20-2015

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5122FN 0021000

5122FN 002500

RED

RED

4 #14 PVC/NYL FS FRPVC

4 #14 PVC/NYL FS FRPVC

103.000 LB

51.500 LB

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

1.000 FT

500 FT