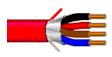
# **Detailed Specifications & Technical Data**



ENGLISH 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

age (Overall)	
Suitable Applications:	Fire Alarm, Audio Circuits, Control Circuits, Initiating Circuits, Notification Circuits, Non-Power Limited Signaling Cable
nysical 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 (in.)	
PVC/Nylon - Polyvinyl Chloride/Nylon .021	
Outer Shield	
Outer Shield Material: Outer Shield Trade Name Type Outer Shield Material	Coverage (%)
Beldfoil® Tape Aluminum Foil-Polyester	
Outer Shield Drain Wire AWG:	
AWG Stranding Drain Wire Conductor Material	
20 (7x28) TC - Tinned Copper	
Duter Jacket	
Outer Jacket Material:	
Outer Jacket Material Nom. Wall Thickness (in.) PVC - Polyvinyl Chloride  .042	
Outer Jacket Ripcord:	Yes
Overall Cable Overall Cabling Lay Length & Direction:	
Length (in.) Twists (twist/ft)	
4 3.0	
Overall Cabling Color Code Chart:	
Number Color	
1 Black	
2 Red 3 Brown	
4 Blue	
Overall Nominal Diameter:	0.348 in.
	0,540 m.
echanical Characteristics (Overall)	
Operating Temperature Range:	-20°C To +75°C
UL Temperature Rating:	75°C
Bulk Cable Weight:	93.900 lbs/1000 ft.
Max. Recommended Pulling Tension:	212.800 lbs.
Min. Bend Radius/Minor Axis:	3.500 in.
pplicable Specifications and Agency Complia	
Applicable Specifications and Agency Compile Applicable Standards & Environmental Programs	

## **Detailed Specifications & Technical Data**

### ENGLISH MEASUREMENT VERSION



### 5122FN Multi-Conductor - NPLF Systems

NEC/(UL) Specification:		NPLF			
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	n/dd/yyyy):	07/01/2005			
EU Directive 2002/96/EC (WEEE	):	Yes			
EU Directive 2003/11/EC (BFR):		Yes			
CA Prop 65 (CJ for Wire & Cable	e):	Yes			
MII Order #39 (China RoHS):		Yes			
Flame Test					
UL Flame Test:		UL1685 UL I	oading		
Suitability					
Suitability - Indoor:		Yes			
Plenum/Non-Plenum					
Plenum (Y/N):		No			
<b>Electrical Characteristics (O</b>					
Nom. Capacitance Conductor to Con Capacitance (pF/ft) 37.7	iductor:				
Nom. Capacitance Cond. to Other Co Capacitance (pF/ft) 67.9	onductor & Shield:				
Nom. Conductor DC Resistance: DCR @ 20°C (Ohm/1000 ft) 2.46					
Nominal Outer Shield DC Resistance DCR @ 20°C (Ohm/1000 ft) 6.9					
Max. Operating Voltage - UL: Voltage 150 V RMS					
Max. Recommended Current: Current					
6.4 Amps per conductor @ 25°C					
Put Ups and Colors:					

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

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5122FN 0021000

5122FN 002500

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4 #14 PVC/NYL FS FRPVC

4 #14 PVC/NYL FS FRPVC

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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

103.000 LB

51.500 LB