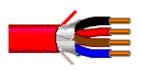
# **Detailed Specifications & Technical Data**



ENGLISH MEASUREMENT VERSION

# 5522FL Multi-Conductor - Commercial Applications



For more Information please call

1-800-Belden1



# **Description:**

22 AWG bare copper conductors, PVC insulation, conductors cabled together, Beldfoil® shield and drain wire, PVC jacket with ripcord, sequential footage marking every two feet.

#### **Usage (Overall)**

Suitable Applications:

Fire Protection, Alarm, Signal, Monitor/Detection, Audio Circuits, Control Circuits, Initiating Circuits, Notification Circuits

# **Physical Characteristics (Overall)**

# Conductor

AWG:		
	# Con	
	4	

Conductors	AWG	Stranding	<b>Conductor Material</b>	
l .	22	Solid	BC - Bare Copper	

#### Insulation

Insulation Material:

Insulation Material Wall Thickness (in.) PVC - Polyvinyl Chloride |.010

#### **Outer Shield**

**Outer Shield Material:** 

Outer Shield Trade Name	Outer Shield Material	Coverage (%)
Beldfoil®	Aluminum Foil-Polyester Tape	100

### Outer Shield Drain Wire AWG:

StrandingDrain Wire Conductor MaterialSolidTC - Tinned Copper

## Outer Jacket

Outer Jacket Material:		
Outer Jacket Material	Nom. Wall Thickness (in.)	

PVC - Polyvinyl Chloride .015

Outer Jacket Ripcord:

Yes

#### **Overall Cable**

Overall Cabling Lay Length & Direction: Length (in.) Twists (ft.)

2.25 5.3

#### **Overall Cabling Color Code Chart:**

**Overall Nominal Diameter:** 

Number Color

1	Black		
2	Red		
3	Brown		

4 Blue

0.145 in.

Mechanical Characteristics (Overall)	
Operating Temperature Range:	-20°C To +75°C
UL Temperature Rating:	75°C

# **Detailed Specifications & Technical Data**



# ENGLISH MEASUREMENT VERSION

# 5522FL Multi-Conductor - Commercial Applications

Bulk Cable Weight:	17.500 lbs/1000 ft.
Max. Recommended Pulling Tension:	39 lbs.
Min. Bend Radius (Install)/Minor Axis:	1.500 in.
oplicable Specifications and Agency Co	mpliance (Overall)
pplicable Standards & Environmental Progr	rams
NEC/(UL) Specification:	FPLR
NEC Articles:	760
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
lame Test	
UL Flame Test:	UL1666 Vertical Shaft
CSA Flame Test:	FT4
lenum/Non-Plenum	
Plenum (Y/N):	No
Plenum Number:	6522FL
ectrical Characteristics (Overall)	
om. Inductance: Inductance (µH/ft) .18 om. Capacitance Conductor to Conductor: Capacitance (pF/ft) 47	
om. Capacitance Cond. to Other Conductor & Shi	ield:
Capacitance (pF/ft)	
84.6	
84.6 om. Conductor DC Resistance: DCR @ 20°C (Ohm/1000 ft) 15.7	
om. Conductor DC Resistance: DCR @ 20°C (Ohm/1000 ft)	
om. Conductor DC Resistance: DCR @ 20°C (Ohm/1000 ft) 15.7 ominal Outer Shield DC Resistance: DCR @ 20°C (Ohm/1000 ft)	



## ENGLISH MEASUREMENT VERSION

#### 5522FL Multi-Conductor - Commercial Applications

No related documents are available for this product

#### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
5522FL 002U1000	1,000 FT	19.000 LB	RED		4 #22 PVC FS FRPVC
5522FL 0021000	1,000 FT	19.000 LB	RED		4 #22 PVC FS FRPVC

Revision Number: 2 Revision Date: 07-24-2009

© 2012 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale. Belden believes this product to be in compliance with EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. This Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product. Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.