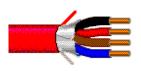
Detailed Specifications & Technical Data



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	Conductor Material	
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



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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)	



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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

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