Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



6220UL Multi-Conductor - Commercial Applications - 2 Conductors Cabled



For more Information please call

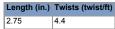
1-800-Belden1



General Description:

Fire Alarm Cable, Plenum-FPLP, 2-16 AWG solid bare copper conductors with Flamarrest® insulation, 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: # Conductors AWG Stranding Conductor Material 16 Solid BC - Bare Copper **Total Number of Conductors:** 2 Insulation Insulation Material: Insulation Trade Name Insulation Material Wall Thickness (in.) LS PVC - Low Smoke Polyvinyl Chloride 0.008 **Outer Shield** Outer Shield Material: **Outer Shield Material** Unshielded **Outer Jacket** Outer Jacket Material: Outer Jacket Trade Name Outer Jacket Material LS PVC - Low Smoke Polyvinyl Chloride |.015 Outer Jacket Ripcord: **Overall Cable** Overall Cabling Lay Length & Direction: Length (in.) Twists (twist/ft)



Overall Cabling Color Code Chart:

Number	Color		
1	Black		
2	Red		

N

Overall Nominal Diameter:

0.166 in.

Mechanical Characteristics (Overall)						
	Operating Temperature Range:	0°C To +75°C				
	UL Temperature Rating:	75°C				
	Bulk Cable Weight:	23.500 lbs/1000 ft.				
	Max. Recommended Pulling Tension:	62.400 lbs.				
	Min. Bend Radius/Minor Axis:	1.625 in.				
Applicable Specifications and Agency Compliance (Overall)						
Аp	Applicable Standards & Environmental Programs					
	NEC/(UL) Specification:	FPLP				

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	NEC/(UL) Specification:	FPLP
	NEC Articles:	760
	EU Directive 2011/65/EU (ROHS II):	Yes
	EU CE Mark:	Yes

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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
Flame Test	
UL Flame Test:	NFPA 262
Plenum/Non-Plenum	
Plenum (Y/N):	Yes
Non-Plenum Number:	5220UL

Electrical Characteristics (Overall)

Nom. Inductance:

ΡI

Inductance (µH/ft)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft) 37.000

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 3.85

Max. Operating Voltage - UL:

Voltage 300 V RMS

Max. Recommended Current:

6.3 Amps per conductor @ 25°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
6220UL D15U1000	1,000 FT	23.000 LB	BLUE		2 #16 FLRST FLRST
6220UL D151000	1,000 FT	24.000 LB	BLUE		2 #16 FLRST FLRST
6220UL 001U1000	1,000 FT	23.000 LB	BROWN		2 #16 FLRST FLRST
6220UL 002A1000	1,000 FT	26.000 LB	RED		2 #16 FLRST FLRST
6220UL 002U1000	1,000 FT	23.000 LB	RED		2 #16 FLRST FLRST
6220UL 0021000	1,000 FT	24.000 LB	RED	С	2 #16 FLRST FLRST
6220UL 002500	500 FT	12.000 LB	RED		2 #16 FLRST FLRST
6220UL 003C500	500 FT	11.000 LB	ORANGE		2 #16 FLRST FLRST
6220UL 003U1000	1,000 FT	23.000 LB	ORANGE		2 #16 FLRST FLRST
6220UL 004C500	500 FT	11.000 LB	YELLOW		2 #16 FLRST FLRST
6220UL 004U1000	1,000 FT	23.000 LB	YELLOW		2 #16 FLRST FLRST
6220UL 0041000	1,000 FT	24.000 LB	YELLOW		2 #16 FLRST FLRST
6220UL 007U1000	1,000 FT	23.000 LB	VIOLET		2 #16 FLRST FLRST
6220UL 0091000	1,000 FT	24.000 LB	WHITE		2 #16 FLRST FLRST
6220UL 0101000	1,000 FT	24.000 LB	BLACK		2 #16 FLRST FLRST

C = CRATE REEL PUT-UP.

Revision Number: 2 Revision Date: 03-13-2013

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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.

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