Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



6020UL Multi-Conductor - Commercial Applications - 2 Conductors Cabled



For more Information please call

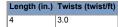
1-800-Belden1



General Description:

Fire Alarm Cable, Plenum-FPLP, 2-12 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 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 | 0.010 **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:

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Overall Nominal Diameter:

0.235 in.

Mechanical Characteristics (Overall)	
Operating Temperature Range:	0°C To +75°C
UL Temperature Rating:	75°C
Bulk Cable Weight:	52.100 lbs/1000 ft.
Max. Recommended Pulling Tension:	158 lbs.
Min. Bend Radius/Minor Axis:	2.375 in.
Applicable Specifications and Agency Compli	ance (Overall)

pplicable Standards & Environmental Programs					
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
Fla	me Test	
	UL Flame Test:	NFPA 262
Ple	num/Non-Plenum	
	Plenum (Y/N):	Yes
	Non-Plenum Number:	5020UL
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Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (µH/ft)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft) 40.000

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 1.53

Max. Operating Voltage - UL:

Voltage 300 V RMS

Max. Recommended Current:

12 Amps per conductor @ 25°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
6020UL 0021000	1,000 FT	53.000 LB	RED	С	2 #12 FLRST FLRST

Notes:

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 2014/35/EU).

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