# **Detailed Specifications & Technical Data**

#### **ENGLISH MEASUREMENT VERSION**



# 6120UL Multi-Conductor - Commercial Applications - 2 Conductors Cabled



For more Information please call

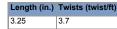
1-800-Belden1



### **General Description:**

Fire Alarm Cable, Plenum-FPLP, 2-14 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:** 

Number	Color
1	Black
2	Red

N

Overall Nominal Diameter:

0.201 in.

Mechanical Characteristics (Overall)		
Operating Temperature Range:	0°C To +75°C	
UL Temperature Rating:	75°C	
Bulk Cable Weight:	35 lbs/1000 ft.	
Max. Recommended Pulling Tension:	99.400 lbs.	
Min. Bend Radius/Minor Axis:	2 in.	
Applicable Specifications and Agency Complia	ce (Overall)	
Applicable Standards & Environmental Programs		

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

Page 1 of 2

# **Detailed Specifications & Technical Data**

#### **ENGLISH MEASUREMENT VERSION**



## 6120UL Multi-Conductor - Commercial Applications - 2 Conductors Cabled

Yes		
Yes		
04/01/2005		
Yes		
California State Fire Marshall		
NFPA 262		
Yes		
5120UL		

#### **Electrical Characteristics (Overall)**

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft) 37.000

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

Max. Operating Voltage - UL:

Voltage 300 V RMS

Max. Recommended Current:

Description	Current
10C Temperature Rise	8 Amps per conductor @ 25°C ambient

# **Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
6120UL D151000	1,000 FT	37.000 LB	BLUE	С	2 #14 FLRST FLRST
6120UL 0011000	1,000 FT	37.000 LB	BROWN		2 #14 FLRST FLRST
6120UL 002A1000	1,000 FT	38.000 LB	RED		2 #14 FLRST FLRST
6120UL 0021000	1,000 FT	37.000 LB	RED	С	2 #14 FLRST FLRST
6120UL 002500	500 FT	18.500 LB	RED		2 #14 FLRST FLRST
6120UL 0031000	1,000 FT	37.000 LB	ORANGE		2 #14 FLRST FLRST
6120UL 0041000	1,000 FT	37.000 LB	YELLOW		2 #14 FLRST FLRST
6120UL 0051000	1,000 FT	37.000 LB	GREEN, DARK		2 #14 FLRST FLRST
6120UL 0071000	1,000 FT	37.000 LB	VIOLET		2 #14 FLRST FLRST
6120UL 0091000	1,000 FT	37.000 LB	WHITE		2 #14 FLRST FLRST
6120UL 0101000	1,000 FT	37.000 LB	BLACK		2 #14 FLRST FLRST
6120UL 8771000	1,000 FT	37.000 LB	NATURAL		2 #14 FLRST FLRST

Notes: C = CRATE REEL PUT-UP.

Revision Number: 2 Revision Date: 08-12-2013

© 2017 Belden, Inc

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, is correct to the best of Belden's knowledge, information, and belief at the date of its bublication. 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 2014/35/EU).

Page 2 of 2