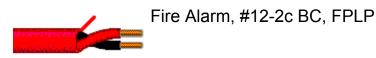


## Part Number: 6020UL



## **Product Description**

Fire Alarm Cable, Plenum-FPLP, 2-12 AWG solid bare copper conductors with Flamarrest® insulation, Flamarrest® jacket with ripcord

## **Technical Specifications**

# Product Overview

Suitable Applications:	Fire Protection, Alarr	n, Signal, Monitor/De	tection, Audio Circuits, Cont	trol Circuits, Initiating (	Circuits, Notification Circuits
Physical Characteristics (Ove	rall)				
Conductor					
	o. of Conductors				
12 Solid BC - Bare Copper 2					
Conductor Count:	2				
Conductor Size:	12 AWG				
Insulation					
Material	Material Trade Name	Nominal Wall Thic	kness		
LS PVC - Low Smoke Polyvinyl Chloride	Flamarrest®	0.01 in			
Color Chart					
Number Color					
1 Black					
2 Red					
Outer Shield Material					
Material					
Unshielded					
Outer Jacket Material					
Material	Material Trade Name	Nominal Diameter	Nominal Wall Thickness	Ripcord	
LS PVC - Low Smoke Polyvinyl Chloride	Flamarrest®	0.235 in	0.015 in	Yes	
Construction and Dimensions					
construction and Dimensions					
Cabling					
Twists					
3 twist/ft					
Electrical Characteristics					
Conductor DCR					
Nominal Conductor DCR					
1.53 Ohm/1000ft					
Capacitance					
Nom. Capacitance Conductor to Condu	ictor				
40 pF/ft					
Shielding:	Unshielded				
oniciality.	Unamended				

#### Inductance

Nominal Inductance

## Current

Max. Recommended Current [A] 12 Amps per conductor @ 25°C A

#### Voltage

UL Voltage Rating 300 V RMS

## **Temperature Range**

UL Temp Rating:	75°C
Operating Temp Range:	0°C To +75°C

#### **Mechanical Characteristics**

Bulk Cable Weight:	52.1 lbs/1000ft
Max Recommended Pulling Tension:	158 lbs
Min Bend Radius/Minor Axis:	2.375 in

#### **Standards**

NEC Articles:	760	
NEC/(UL) Specification:	FPLP	
Other Specification:	California State Fire Marshall	

## **Applicable Environmental and Other Programs**

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-04-01
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

## Flammability, LS0H, Toxicity Testing

UL Flammability: NFPA 262 Plenum Flame Test (UL910)		NFPA 262 Plenum Flame Test (UL910)
UL voltage rating:		300 V RMS
Plenum/Non-Plenu	m	
Plenum (Y/N):		Yes
Part Number		
Non-Plenum Number:		5020UL
Variants		
Item # Color	Footnote	
6020UL 0021000 Red	С	

© 2018 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 here in 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 "ASIS" 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 all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information 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. The 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.