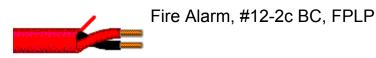


Part Number: 6020UL



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	

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