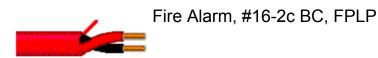


# Part Number: 6220UJ



# **Product Description**

Fire Alarm Cable, Plenum-FPLP, 2-16 AWG solid bare copper conductors with FEP insulation, Flamarrest® jacket with ripcord

# **Technical Specifications**

Suitable Applications:	Addressable Fire Sy	stems, Data Circuits,	Monitor/Detection, Control C	Circuits, Initia	ating Circuits, Notification Circuits
Physical Characteristics (Ove	rall)				
Conductor					
AWG Stranding Material N	o. of Conductors				
16 Solid BC - Bare Copper 2					
Conductor Count:	2				
Conductor Size:	16 AWG				
nsulation					
Material Material T	rade Name Nominal	Wall Thickness			
Thermoplastic Fluoropolymer Teflon®	0.007 in				
Color Chart					
Number Color					
1 Black					
2 Red					
Duter Shield Material					
Material					
Unshielded					
Duter Jacket Material					
Material	Material Trade Name	Nominal Diameter	Nominal Wall Thickness	Ripcord	
LS PVC - Low Smoke Polyvinyl Chloride	Flamarrest®	0.162 in	0.015 in	Yes	
		0.162 in	0.015 in	Yes	
		0.162 in	0.015 in	Yes	
Construction and Dimensions		0.162 in	0.015 in	Yes	
Construction and Dimensions		0.162 in	0.015 in	Yes	
Cabling		0.162 in	0.015 in	Yes	
Construction and Dimensions Cabling Twists 6 twist/ft		0.162 in	0.015 in	Yes	
Construction and Dimensions Cabling Twists 6 twist/ft Electrical Characteristics		0.162 in	0.015 in	Yes	
Construction and Dimensions Cabling Twists 6 twist/ft Electrical Characteristics		0.162 in	0.015 in	Yes	
Construction and Dimensions Cabling Twists 6 twist/ft Electrical Characteristics Conductor DCR		0.162 in	0.015 in	Yes	
Construction and Dimensions Cabling Twists 6 twist/ft Electrical Characteristics Conductor DCR		0.162 in	0.015 in	Yes	
Construction and Dimensions Cabling Twists 6 twist/ft Electrical Characteristics Conductor DCR Nominal Conductor DCR 3.9 Ohm/1000ft	; 	0.162 in	0.015 in	Yes	
Construction and Dimensions Cabling Twists 6 twist/ft Electrical Characteristics Conductor DCR Nominal Conductor DCR 3.9 Ohm/1000ft Capacitance	; 	0.162 in	0.015 in	Yes	

#### Inductance

Nominal Inductance

#### Current

Max. Recommended Current [A]
6 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:	22 lbs/1000ft
Max Recommended Pulling Tension:	62 lbs
Min Bend Radius/Minor Axis:	1.6 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):	2005-10-01
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

## Flammability, LS0H, Toxicity Testing

FT6
NFPA 262 Plenum Flame Test (UL910)
300 V RMS
ŀ

## **Part Number**

Variants			
ltem #	Color	Footnote	
6220UJ 0021000	Red	С	
Footnote:			C - CRATE REEL PUT-UP.

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