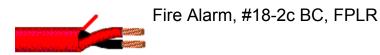


Part Number: 5300UL



Product Description

Fire Alarm Cable, Riser-FPLR, 2-18 AWG stranded bare copper conductors with polyolefin insulation, PVC jacket with ripcord

Technical Specifications

Product Overview

Suitable Applications:		Fire Protections	Alarm, Signal, Monitor/Detection, Audio Circuits, Control Circuits, Initiating Circuits, Notification Circuits	
Phys	ical Char	acteristics (Ov	verall)	
Condu	ctor			
AWG	Stranding	Material	No. of Conductors	
18	7x26	BC - Bare Copper	2	
Conductor Count:		2		
Conductor Size:		18 AWG		

Insulation

Material	Nominal Wall Thickness
PP - Polypropylene	0.008 in

Color Chart

Color
Black
Red

Outer Shield Material

Material Unshielded

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.158 in	0.017 in	Yes

Construction and Dimensions

Twists 5.3 twist/ft

Electrical Characteristics

Conductor DCR	
Nominal Conductor DCR	
6.5 Ohm/1000ft	
1	
Capacitance	
Nom. Capacitance Conductor to Conduc	tor
20.25 pF/ft	
Shielding:	Unshielded

Max. Recommended Current [A]

8 Amps per conductor @ 25°C A

Voltage

UL Voltage Rating 300 V RMS

Temperature Range

UL Temp Rating:	75°C
Operating Temp Range:	-20°C To +75°C

Mechanical Characteristics

Bulk Cable Weight:	15 lbs/1000ft
Max Recommended Pulling Tension:	45 lbs
Min Bend Radius/Minor Axis:	1.5 in

Standards

NEC Articles:	760
NEC/(UL) Specification:	FPLR

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):	2009-10-01
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

Flammability, LS0H, Toxicity Testing

UL Flammability:	UL1666 Riser
CSA Flammability:	FT4
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

Plenum Number:	6300UL

Part Number

Variants		
	Color	Footpot
ltem #	Color	Footnot
5300UL 0021000	Red	С
5300UL 002U1000	Red	
Fratesta		
Footnote:		

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