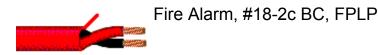


Part Number: 6300UL



Product Description

Fire Alarm Cable, Plenum-FPLP, 2-18 AWG stranded bare copper conductors with Flamarrest® insulation, Flamarrest® jacket with ripcord

Technical Specifications

Product Overview Suitable Applications: Fire Protections, Alarm, Signal, Monitor/Detection, Audio Circuits, Control Circuits, Initiating Circuits, Notification Circuits **Physical Characteristics (Overall)** Conductor AWG Stranding Material No. of Conductors BC - Bare Copper 2 7x26 18 Conductor Count: 2 Conductor Size: 18 AWG Insulation Materia Nominal Wall Thickness Material Trade Name LS PVC - Low Smoke Polyvinyl Chloride Flamarrest® 0.009 in Color Chart Number Colo Black 1 2 Red **Outer Shield Material** Material Unshielded **Outer Jacket Material** Materia Material Trade Name Nominal Diameter Nominal Wall Thickness Ripcord LS PVC - Low Smoke Polyvinyl Chloride Flamarrest® 0.158 in 0.015 in Yes **Construction and Dimensions** Cabling Twists 4.8 twist/ft **Electrical Characteristics** Conductor DCR Nominal Conductor DCR 6.5 Ohm/1000ft Capacitance Nom. Capacitance Conductor to Conductor 28.25 pF/ft Unshielded Shielding:

Max. Recommended Current [A]

8 Amps per conductor @ 25°C A

Voltage

UL Voltage Rating 300 V RMS

Temperature Range

Operating Temp Range:	0°C To +75°C

Mechanical Characteristics

Bulk Cable Weight:	16 lbs/1000ft
Max Recommended Pulling Tension:	45 lbs
Min Bend Radius/Minor Axis:	1.625 in

Standards

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

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:	NFPA 262 Plenum Flame Test (UL910)
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

Plenum (Y/N):			Yes
Part Number			
Non-Plenum Number:			5300UL
Variants			
Item #	Color	Footnote	
6300UL 0021000	Red	С	
6300UL 002U1000	Red		
Footnote:			C - CRATE REEL PUT-UP.

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