



Product: [6220UL](#)

Fire Alarm, #16-2c BC, FPLP

Product Description

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

Technical Specifications

Product Overview

Suitable Applications:	Fire Alarm, Monitor/Detection, Circuits: Audio, Control, Initiating, Notification
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Construction Details

Conductor

Element	Number of Element	AWG	Stranding	Material
Conductor(s)	2	16	Solid	BC - Bare Copper

Insulation

Element	Material	Thickness [in.]	Color Code
Conductor(s)	PVC-LS - Polyvinyl Chloride (Low Smoke)	0.008	Black, Red

Outer Jacket Material

Material	Thickness	Nom. Diameter	Ripcord
PVC-LS - Polyvinyl Chloride (Low Smoke)	0.015 in	0.166 in	Yes

Cable Diameter (Nominal):	0.166 in
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Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
Conductor(s)	3.85 Ohm/1000ft	37 pF/ft	6.3 Amps per conductor @ 25°C

Voltage

UL Voltage Rating
300 V (FPLP)

Mechanical Characteristics

Temperature

UL Rating	Operating
75°C	0°C to +75°C

Bend Radius

Stationary Min.	Installation Min.
1.625 in	1.7 in

Max. Pull Tension:	62 lbs
Bulk Cable Weight:	22 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor - Plenum, Indoor
Flammability / Fire Resistance:	NFPA 262, UL 910 (Plenum)
NEC / UL Compliance:	Article 760, FPLP
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU, EU Directive 2011/65/EU (ROHS II), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Other Standard Compliance(s):	California State Fire Marshall
Non-Plenum Number:	5220UL

History

Update and Revision:	Revision Number: 0.256 Revision Date: 07-31-2020
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