



Product: [6220FL](#)

Fire Alarm, #16-2c BC, Shielded, FPLP

Product Description

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

Technical Specifications

Product Overview

Suitable Applications:	Fire Alarm, Monitor/Detection, Circuits: Audio, Control, Initiating, Notification, Noisy Environment
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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)	0.010	Black, Red

Outer Shield Material

Type	Material	Coverage	Drainwire Type
Tape	Alum / Poly	100%	24 AWG (Solid) TC

Outer Jacket Material

Material	Thickness	Diameter	Ripcord
PVC-LS - Polyvinyl Chloride (Low Smoke)	0.015 in	0.178 in	Yes

Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Max. Current
"Conductor(s)"	3.85 Ohm/1000ft	77 pF/ft	139 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.
1.75 in

Max. Pull Tension:	76.4 lbs
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Bulk Cable Weight:	26 lbs/1000ft
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## Standards and Compliance

Flammability / Fire Resistance:	NFPA 262 Plenum Flame Test (UL910), IEC 60332-1-2
NEC / UL Compliance:	Article 760, FPLP
CPR Euroclass:	Eca
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

## History

Update and Revision:	Revision Number: 0.235 Revision Date: 06-05-2020
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