



Product: [26220UL](#)

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

Product Description

Fire Alarm Cable, Armored 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	No. of Elements	Size	Stranding	Material
Conductor(s)	2	16 AWG	Solid	BC - Bare Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
PVC - Polyvinyl Chloride	.008 in (0.20 mm)	.067 in (1.7 mm)	Black, Red

Armor

Armor Type & Material	Armor Material Diameter
AIA - Aluminum Interlock Armor	.377 in (9.58 mm)

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord	Notes
PVC - Polyvinyl Chloride	.015 in (0.38 mm)	.166 in (4.22 mm)	Yes	Interlocking Aluminum O.D: .377 in

Table Notes:	Interlocking Aluminum O.D: .377 in
Overall Cable Diameter (Nominal):	.377 in (9.58 mm)

Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
Conductor(s)	3.85 Ohm/1000ft (12.6 Ohm/km)	37 pF/ft (120 pF/m)	14.4 Amps per conductor @ 25°C

Voltage

UL Voltage Rating
300 V

Mechanical Characteristics

Temperature

UL Temperature	Operating
75°C	0°C to +75°C

Bend Radius

Stationary Min.	Installation Min.
4.5 in (110 mm)	4.5 in (110 mm)

Max. Pull Tension:	75 lbs (34 kg)
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Standards and Compliance

Environmental Suitability:	Indoor - Plenum, Indoor
Flammability / Reaction to Fire:	NFPA 262, UL 910 (Plenum)
NEC / UL Compliance:	Article 760, FPLP
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), 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: 0.10 Revision Date: 02-15-2025
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