



Product: [26320FL](#)

Armored Fire Alarm, #18-2c BC, Shielded, FPLP

Product Description

Fire Alarm Cable, Armored Plenum-FPLP, 2-18 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	No. of Elements	Size	Stranding	Material
Conductor(s)	2	18 AWG	Solid	BC - Bare Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PVC - Polyvinyl Chloride	.010 in (0.25 mm)	.0605 in (1.54 mm)	Black, Red

Outer Shield

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	24 AWG (7x32) TC

Armor

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

Outer Jacket

Material	Nom. Diameter	Notes
PVC - Polyvinyl Chloride	.155 in (3.94 mm)	Interlocking Aluminum Armor O.D.: .377 in

Table Notes:	Interlocking Aluminum Armor 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	Nom. Capacitance Cond-to-Other (Conds + Shield)	Max. Current
Conductor(s)	6.4 Ohm/1000ft (21 Ohm/km)	65 pF/ft (210 pF/m)	117 pF/ft (384 pF/m)	14 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.
3.0 in (76 mm)	3.0 in (76 mm)

Max. Pull Tension:	65 lbs (29 kg)
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Standards and Compliance

Environmental Suitability:	Indoor - Plenum
Flammability / Reaction to Fire:	NFPA 262, UL 910 (Plenum)
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	Article 760, FPLP
European Directive Compliance:	EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
UK Regulation Compliance:	UKCA Mark
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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