



Product: [26320UL](#)

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

Product Description

Fire Alarm Cable, Armored Plenum-FPLP, 2-18 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	18 AWG	Solid	BC - Bare Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
PVC - Polyvinyl Chloride	0.008 in (0.20 mm)	0.057 in (1.4 mm)	Black, Red

Armor

Armor Type & Material	Diameter Over Armor
Interlocking Aluminum	.355 in

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord	Notes
PVC - Polyvinyl Chloride	.015 in (0.38 mm)	.144 in (3.66 mm)	Yes	Interlocking Armor Outside Diameter: .355 in

Table Notes:	Interlocking Armor Outside Diameter: .355 in
Overall Cable Diameter (Nominal):	.355 in (9.02 mm)

Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
Conductor(s)	6.4 Ohm/1000ft (21 Ohm/km)	31 pF/ft (100 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 in (76 mm)	3 in (76 mm)
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Table Notes:	Internal Cable Bend Radius: 1.15 in
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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
Other Standard Compliance(s):	California State Fire Marshall
Plenum Number:	Yes

History

Update and Revision:	Revision Number: 0.13 Revision Date: 02-16-2025
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