



Product: [26220FL](#)

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

Product Description

Armored 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	No. of Elements	Size	Stranding	Material
Conductor(s)	2	16 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)	.071 in (1.8 mm)	Black, Red

Outer Shield			
Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	24 AWG (19x36) TC

Armor	
Armor Type & Material	Armor Material Diameter
AIA - Aluminum Interlock Armor	.389 in (9.88 mm)

Outer Jacket				
Material	Nom. Thickness	Nom. Diameter	Ripcord	Notes
PVC - Polyvinyl Chloride	.015 in (0.38 mm)	.178 in (4.52 mm)	Yes	Interlocking Aluminum Armor OD: .389 in

Table Notes:	Interlocking Aluminum Armor OD: .389 in
Overall Cable Diameter (Nominal):	.389 in (9.88 mm)

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 (12.6 Ohm/km)	77 pF/ft (250 pF/m)	139 pF/ft (456 pF/m)	14.4 Amps per conductor @ 25°C

Voltage	
UL Voltage Rating	
300 V (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:	77 lbs (35 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 CE Mark, 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: 0.8 Revision Date: 02-14-2025
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