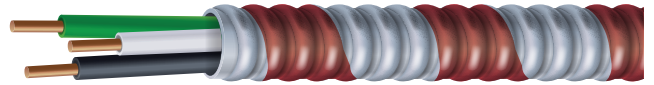# Power Limited Fire Alarm Armored Cable Type FPLP

APPLICATION:

Power Limited Fire Alarm Armored Cable Type FPLP is suitable for use in power limited fire alarm circuits, concealed and exposed wiring in dry locations, use in cable trays in dry locations, and Class 1, Class 2 and Class 3 remote control and power limited circuits. It is suitable for use in any raceway or cable tray when embedded in plaster finish on brick or other masonry, except in damp or wet locations. It is for use in applications up to 300 volts and dry temperatures up to +60°C.

CONDUCTORS:

• Bare solid soft drawn copper

INSULATION:

• 18 & 16 AWG: Thermoplastic Fixture Wire (TFN)
• 14 & 12 AWG: Thermoplastic high heat resistant nylon coated (THHN) / Thermoplastic high water resistant nylon coated (THWN)

GROUND WIRE:

• Solid green insulated copper conductor

ARMOR:

• Aluminum interlocked armor (red-striped)

COLOR CODE:

• 2 Conductor: Black/White
• 4 Conductor: Black/White/Red/Blue
• Ground Conductor: Green
• Speciality colors available upon request

STANDARDS:

• UL 1424, 2556, 66, 83
• NFPA 262 Standard Method of Test for Flame and Smoke of Wire and Cables for Use in Air-Handling Spaces
• Gasoline and oil resistance II
• UL Through penetration fire stop systems: C-AJ-3147, C-AJ-3148, C-AJ-3149, FC-3041, FC-3042, WJ-3041, WL 3123, WL-3125, WL-3126, WL-3127, WL-3128
• Rated +60°C dry

Part Number	Conductor Size	No. of Conductors	Grounding Wire Size	Insulation Thickness		Overall Diameter		Net Weight
				PVC	Nylon			
	AWG/Kcmil		AWG/Kcmil	inches	inches	inches	mm	lbs/1000'
SOLID TFN								
18-02MCA/FPLP	18	2	18	0.015	0.005	0.386	9.80	51
18-04MCA/FPLP	18	4	18	0.015	0.005	0.430	10.92	74
16-02MCA/FPLP	16	2	16	0.015	0.005	0.408	10.36	67
16-04MCA/FPLP	16	4	16	0.015	0.005	0.458	11.63	94
SOLID THHN/THWN								
14-02MCA/FPLP	14	2	14	0.015	0.005	0.432	10.97	76
14-04MCA/FPLP	14	4	14	0.015	0.005	0.488	12.40	112
12-02MCA/FPLP	12	2	12	0.015	0.005	0.469	11.91	103
12-04MCA/FPLP	12	4	12	0.015	0.005	0.534	13.56	118

All values are nominal and subject to correction.

1-800-945-5542
www.PriorityWire.com

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