

Power Limited Alarm Wire Non-Plenum, Shielded

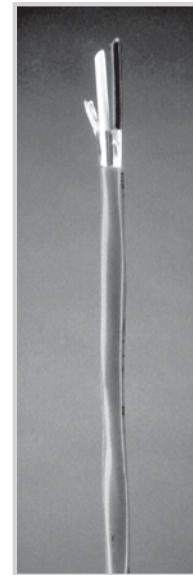
Listed by UL as Type FPLR or FPL cable for use in NEC® Article 760 installations.

Specifications

Conductors	Solid, bare copper
Insulation	Premium-grade, color-coded S-R PVC on FPLR premium. Approved thermoplastic compound on mid-cap.
Shield	Overall polyester-supported aluminum foil with a stranded, tinned copper wire to facilitate grounding
Jacket	Premium-grade red PVC suitable for use from 20°C to 75°C Suggested voltage rating of 300V

Applications

Wiring of fire alarms, smoke detectors, voice communications, burglar alarms and other dedicated fire protective circuits.



FPLR, Cabled Conductors

Part No.	No. of Conductors	AWG	Jacket Thickness (in)	Nom. O.D. (in)	Weight (lbs/M-ft)
1P18B1FPLRS	1 pair	18	.015	.160	23
4C18B1FPLRS	4	18	.015	.185	36
1P16B1FPLRS	1 pair	16	.015	.182	29
4C16B1FPLRS	4	16	.015	.210	50
1P14B1FPLRS	1 pair	14	.015	.222	43
4C14B1FPLRS	4	14	.015	.270	70
1P12B1FPLRS	1 pair	12	.015	.255	66
4C12B1FPLRS	4	12	.015	.295	107



FPL “Mid Cap” Shielded

These products are designed to meet the demanding lower-capacitance requirements of microprocessor-controlled fire alarm systems.

Part No.	No. of Conductors	AWG	Jacket Thickness (in)	Nom. O.D. (in)	Weight (lbs/M-ft)
1P18B1FPLSM	2	18	.02	.189	22
1P16B1FPLSM	2	16	.02	.212	30

For capacitance between conductors and capacitance between one conductor and other conductors connected to shield, please check with your sales representative.

See referenced pages in the Hardware & Supplies section:

Installation Hardware

- Acme 25A or 75A
Staple Gun - I-3

Suggested Prep Tool

- 721 Multi-Wire
Stripper/Cutter - I-9