

Shielded PVC Jacketed Fire Alarm Cable



APPLICATION:

Shielded PVC Jacketed Fire Alarm Cable is suitable for use on fire alarms, smoke detectors, burglar alarms, voice communications, power limited circuits and indoor non-conduit applications per NEC. Applications not to exceed 300 volts.

CONDUCTORS:

- Solid soft drawn bare copper conductors

INSULATION:

- Color coded polyvinyl chloride (PVC) insulation rated 60°C

COLOR CODE:

- Color code for multi-conductor Fire Alarm cables

Cond #	Color	Cond #	Color	Cond #	Color
1	Black	5	Orange	9	Red/Black
2	Red	6	Yellow	10	Red/White
3	Brown	7	Purple	11	Red/Green
4	Blue	8	Green	12	Red/Blue

SHIELD:

- Overall mylar backed aluminum tape shield over cabled conductors with a tinned copper drain wire

JACKET:

- Overall red polyvinyl chloride (PVC) jacket, which is rated for use in temperatures from -20°C to +75°C

STANDARDS:

- UL 1424 Type FPLR
- UL 1666 Flame Test
- NEC Article 760 & Riser Rated
- Meets California State Fire Marshal requirements
- Meets New York State Fire Prevention & Building Code 15
- ASTM B3, B258

Part Number	Conductor Size	No. of Conductors	Insulation Thickness		Jacket Thickness		Overall Diameter		Net Weight
	AWG		inches	mm	inches	mm	inches	mm	lbs/kft
22-02FPLR/SHLD/RED	22	2	0.009	0.23	0.015	0.38	0.155	3.94	19
18-02FPLR/SHLD/RED	18	2	0.009	0.23	0.015	0.38	0.158	4.01	23
18-03FPLR/SHLD/RED	18	3	0.009	0.23	0.015	0.38	0.165	4.19	28
18-04FPLR/SHLD/RED	18	4	0.009	0.23	0.015	0.38	0.183	4.65	34
18-06FPLR/SHLD/RED	18	6	0.009	0.23	0.015	0.38	0.216	5.49	49
16-02FPLR/SHLD/RED	16	2	0.009	0.23	0.015	0.38	0.180	4.57	29
16-03FPLR/SHLD/RED	16	3	0.009	0.23	0.015	0.38	0.200	5.08	39
16-04FPLR/SHLD/RED	16	4	0.009	0.23	0.015	0.38	0.210	5.33	51
14-02FPLR/SHLD/RED	14	2	0.012	0.30	0.015	0.38	0.218	5.54	41
14-04FPLR/SHLD/RED	14	4	0.012	0.30	0.015	0.38	0.253	6.43	77
12-02FPLR/SHLD/RED	12	2	0.012	0.30	0.015	0.38	0.252	6.40	64

All values are nominal and subject to correction

