

# Plenum Rated Fire Alarm Cable



## APPLICATION:

Plenum Rated Fire Alarm Cable is suitable for use in fire alarms, smoke detectors, burglar alarms, voice communications, power limited circuits, in air return plenums, and indoor non-conduit applications per NEC.

## 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

## JACKET:

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

## STANDARDS:

- UL 1424 Type FPLP
- 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
12-02FPLP/PLEN	12	2	0.012	0.30	0.015	0.38	0.239	6.07	60
14-02FPLP/PLEN	14	2	0.012	0.30	0.015	0.38	0.205	5.21	39
14-04FPLP/PLEN	14	4	0.012	0.30	0.015	0.38	0.250	6.35	75
16-02FPLP/PLEN	16	2	0.009	0.23	0.015	0.38	0.174	4.42	27
16-04FPLP/PLEN	16	4	0.009	0.23	0.015	0.38	0.214	5.44	49
18-02FPLP/PLEN	18	2	0.009	0.23	0.015	0.38	0.151	3.84	18
18-03FPLP/PLEN	18	3	0.009	0.23	0.015	0.38	0.160	4.06	25
18-04FPLP/PLEN	18	4	0.009	0.23	0.015	0.38	0.176	4.47	31
18-06FPLP/PLEN	18	6	0.009	0.23	0.015	0.38	0.211	5.36	46
18-08FPLP/PLEN	18	8	0.009	0.23	0.015	0.38	0.240	6.10	62
18-10FPLP/PLEN	18	10	0.009	0.23	0.015	0.38	0.284	7.21	80
22-04FPLP/PLEN	22	4	0.009	0.23	0.015	0.38	0.136	3.45	16
22-06FPLP/PLEN	22	6	0.009	0.23	0.015	0.38	0.162	4.11	23
22-08FPLP/PLEN	22	8	0.009	0.23	0.015	0.38	0.176	4.47	30
22-10FPLP/PLEN	22	10	0.009	0.23	0.015	0.38	0.216	5.49	39
22-12FPLP/PLEN	22	12	0.009	0.23	0.015	0.38	0.225	5.72	45

All values are nominal and subject to correction



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