

Shielded Plenum Rated Fire Alarm Cable



APPLICATION:

Shielded Plenum Jacketed Fire Alarm Cable is suitable for use on 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 low smoke 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
- 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/SHLD/PLEN	12	2	0.012	0.30	0.015	0.38	0.246	6.25	73
14-02FPLP/SHLD/PLEN	14	2	0.012	0.30	0.015	0.38	0.212	5.38	43
14-04FPLP/SHLD/PLEN	14	4	0.012	0.30	0.015	0.38	0.248	6.30	76
16-02FPLP/SHLD/PLEN	16	2	0.009	0.23	0.015	0.38	0.181	4.60	30
16-04FPLP/SHLD/PLEN	16	4	0.009	0.23	0.015	0.38	0.211	5.36	52
18-02FPLP/SHLD/PLEN	18	2	0.009	0.23	0.015	0.38	0.158	4.01	23
18-03FPLP/SHLD/PLEN	18	3	0.009	0.23	0.015	0.38	0.167	4.24	29
18-04FPLP/SHLD/PLEN	18	4	0.009	0.23	0.015	0.38	0.183	4.65	36
22-02FPLP/SHLD/PLEN	22	2	0.009	0.23	0.015	0.38	0.143	3.63	20

All values are nominal and subject to correction

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