

# Plenum Rated Fire Alarm Cable (FPLP CL3P CMP)



## APPLICATION:

Plenum Rated Fire Alarm Cable is suitable for use in fire alarms, smoke detectors, voice communications, burglar alarms and fire protective circuits, in air return plenums, and indoor non-conduit applications per NEC. Applications not to exceed 300 volts.

## CONDUCTORS:

- Fully annealed solid or stranded bare copper per ASTM B3, B8, and B258

## INSULATION:

- Premium-grade, color coded low smoke polyvinyl chloride (PVC) insulation

## COLOR CODE:

Color code for Fire Alarm cables with solid conductors

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:

- Premium grade red low smoke polyvinyl chloride (PVC) jacket, suitable for use in temperatures from -20°C to +75°C. Round constructions have sequential footage markings and ripcord under jacket to facilitate installation
- Other color codes available upon request

## STANDARDS:

- UL 13 Power Limited Circuit Cable Type CL3P
- UL 444 Communications Cables Type CMP
- UL 1424 Cables for Power-Limited Fire-Alarm Circuits Type FPLP
- NEC Article 725 Type CL3P
- NEC Article 800 Type CMP
- NEC Article 760 Type FPLP
- NFPA 262 Test for Flame Travel and Smoke of Wires and Cables for Use in Air-Handling Spaces

Part Number	Conductor Size	Stranding No./Size	No. of Conductors	Insulation Thickness		Jacket Thickness		Overall Diameter		Net Weight
	AWG	AWG or OD		inches	mm	inches	mm	inches	mm	lbs/kft
22-04FPLP/PLEN	22	Solid	4	0.009	0.23	0.015	0.38	0.136	3.45	16
22-06FPLP/PLEN	22	Solid	6	0.009	0.23	0.015	0.38	0.162	4.11	23
22-08FPLP/PLEN	22	Solid	8	0.009	0.23	0.015	0.38	0.176	4.47	30
22-10FPLP/PLEN	22	Solid	10	0.009	0.23	0.015	0.38	0.216	5.49	39
22-12FPLP/PLEN	22	Solid	12	0.009	0.23	0.015	0.38	0.225	5.72	45
18-02FPLP/PLEN	18	Solid	2	0.009	0.23	0.015	0.38	0.151	3.84	18
18-03FPLP/PLEN	18	Solid	3	0.009	0.23	0.015	0.38	0.160	4.06	25
18-04FPLP/PLEN	18	Solid	4	0.009	0.23	0.015	0.38	0.176	4.47	31
18-06FPLP/PLEN	18	Solid	6	0.009	0.23	0.015	0.38	0.211	5.36	46
18-08FPLP/PLEN	18	Solid	8	0.009	0.23	0.015	0.38	0.240	6.10	62
18-10FPLP/PLEN	18	Solid	10	0.009	0.23	0.015	0.38	0.284	7.21	80
16-02FPLP/PLEN	16	Solid	2	0.009	0.23	0.015	0.38	0.174	4.42	27
16-04FPLP/PLEN	16	Solid	4	0.009	0.23	0.015	0.38	0.214	5.44	49
14-02FPLP/PLEN	14	Solid	2	0.012	0.30	0.015	0.38	0.205	5.21	39
14-04FPLP/PLEN	14	Solid	4	0.012	0.30	0.015	0.38	0.250	6.35	68
12-02FPLP/PLEN	12	Solid	2	0.012	0.30	0.015	0.38	0.239	6.07	60

All values are nominal and subject to correction



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



# Plenum Rated Fire Alarm Cable (FPLP CL3P CMP)



### COLOR CODE:

Color code for Fire Alarm cables with stranded conductors

Cond #	Color
2	Black, Red
4	Black, Red, White, Green

Part Number	Conductor Size		No. of Conductors	Insulation Thickness		Jacket Thickness		Overall Diameter		Net Weight
	AWG	Stranding No./Size AWG or OD		inches	mm	inches	mm	inches	mm	lbs/kft
18-02FPLP/STR/PLEN	18	7/26	2	0.009	0.23	0.015	0.38	0.161	4.09	20
16-02FPLP/STR/PLEN	16	19/0.0117	2	0.009	0.23	0.015	0.38	0.185	4.70	28
16-04FPLP/STR/PLEN	16	19/0.0117	4	0.009	0.23	0.015	0.38	0.217	5.51	50
14-02FPLP/STR/PLEN	14	19/0.0147	2	0.012	0.30	0.015	0.38	0.217	5.51	40
14-04FPLP/STR/PLEN	14	19/0.0147	4	0.012	0.30	0.015	0.38	0.254	6.45	70
12-02FPLP/STR/PLEN	12	19/0.0185	2	0.012	0.30	0.015	0.38	0.252	6.40	62

All values are nominal and subject to correction

### CABLE MARKING:

PRIORITY WIRE PLENUM FIRE ALARM CABLE XXAWG XXC  
<SHIELDED/UNSHIELDED> (UL) E495584 TYPE FPLP/CL3P  
OR C(UL) CMP 75°C <PRODUCT CODE><YEAR><SEQ  
FT>

