

Shielded Plenum Rated Alarm Cable (FPLP CL3P CMP)



APPLICATION:

Shielded 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

SHIELD:

- Overall polyester backed aluminum tape with tinned copper drain wire, in stranding of 7x7.9 mils

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	
22-02FPLP/SHLD/PLEN	22	Solid	2	0.009	0.23	0.015	0.38	0.143	3.63	20
18-02FPLP/SHLD/PLEN	18	Solid	2	0.009	0.23	0.015	0.38	0.158	4.01	23
18-03FPLP/SHLD/PLEN	18	Solid	3	0.009	0.23	0.015	0.38	0.167	4.24	29
18-04FPLP/SHLD/PLEN	18	Solid	4	0.009	0.23	0.015	0.38	0.183	4.65	36
16-02FPLP/SHLD/PLEN	16	Solid	2	0.009	0.23	0.015	0.38	0.181	4.60	30
16-04FPLP/SHLD/PLEN	16	Solid	4	0.009	0.23	0.015	0.38	0.211	5.36	52
14-02FPLP/SHLD/PLEN	14	Solid	2	0.012	0.30	0.015	0.38	0.212	5.38	43
14-04FPLP/SHLD/PLEN	14	Solid	4	0.012	0.30	0.015	0.38	0.248	6.30	73
12-02FPLP/SHLD/PLEN	12	Solid	2	0.012	0.30	0.015	0.38	0.246	6.25	65

All values are nominal and subject to correction



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



Shielded Plenum Rated 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	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
18-02FPLP/STR/SHLD/PLEN	18	7/26	2	0.009	0.23	0.015	0.38	0.165	4.19	24
14-02FPLP/STR/SHLD/PLEN	14	19/0.0147	2	0.012	0.30	0.015	0.38	0.219	5.56	44
14-04FPLP/STR/SHLD/PLEN	14	19/0.0147	4	0.012	0.30	0.015	0.38	0.258	6.55	75

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>



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



©2025 Priority Wire & Cable
12-2025