



CL3P/FPLP/CMP - MultiConductor Shielded White Low Smoke Polyvinyl Chloride LS-PVC Jacket

300V, 75°C, Multi-Conductor, Shielded, Stranded Copper CL3P/FPLP/CMP



Image not to scale. See Table 1 for dimensions.

CONSTRUCTION:

1. **Conductor:** Stranded bare copper per ASTM B8
2. **Insulation:** Low Smoke Polyvinyl Chloride LS-PVC
3. **Shield:** Aluminum foil shielded with 24 AWG drain wire
4. **Rip Cord:** Rip cord for ease of jacket removal
5. **Jacket:** White Low Smoke Polyvinyl Chloride LS-PVC.

APPLICATIONS AND FEATURES:

Remote Control, Signalling, and Power-Limited circuits per NEC Article 725. 22AWG - 16 AWG also as communication circuits per NEC Article 800. Security, sound and audio, speaker cable, public address, intercom, sound reinforcement, alarm and access control circuits and power-limited controls.

SPECIFICATIONS:

- UL 1424 Cables for Power-Limited Fire-Alarm Circuits
- ASTM B8 Concentric-Lay-Stranded Copper Conductors
- UL 13 Power-Limited Circuit Cables
- UL 444 Communications Cables (90°C, 300V)
- NFPA 262

SAMPLE PRINT LEGEND:

XXAWG XX/C E57497 c{UL}US CMP/CL3P/FPLP 75°C -- CMP FT6 MADE IN USA ROHS-2 COMPLIANT -- {MM/DD/YY}
{HH:MM} {SEQUENTIAL FOOTAGE MARKS} SEQ FEET





Table 1 – Physical and Electrical Data

Stock Number	Cond. Size	Cond. Number	Cond. Strands	Diameter Over Cond.	Insul. Thickness	Jacket Thickness	Approx. OD	Copper Weight	Approx. Weight	DC Resistance @ 25°C	AC Resistance @ 75°C	Inductive Reactance
	AWG	No.	strands	inch	mil	mil	inch	lb / 1000ft	lb /1000ft	Ω /1000ft	Ω /1000ft	Ω/1000ft
22 AWG												
P20032-1	22	2	7	0.022	5	15	0.124	5	11	16.723	20.15	0.030
P20043-1	22	3	7	0.022	5	15	0.133	7	14	16.723	20.15	0.030
P20270-1	22	4	7	0.022	5	15	0.142	9	17	16.723	20.15	0.030
P20019-1	22	6	7	0.022	5	15	0.168	14	24	16.723	20.15	0.030
P20037-1	22	8	7	0.022	5	15	0.185	18	31	16.723	20.15	0.030
P20023-1	22	12	7	0.022	5	15	0.226	27	44	16.723	20.15	0.030
20 AWG												
P30006-1	20	2	7	0.036	5	15	0.135	8	14	10.503	12.65	0.027
P30003-1	20	4	7	0.036	5	15	0.156	14	23	10.503	12.65	0.027
18 AWG												
P40133-1	18	2	7	0.045	5	15	0.161	11	19	6.669	8.035	0.036
P40032-1	18	3	7	0.045	5	15	0.165	16	25	6.669	8.035	0.036
P40073-1	18	4	7	0.045	5	15	0.186	21	32	6.669	8.035	0.036
P40040-1	18	6	7	0.045	5	15	0.222	31	46	6.669	8.035	0.036
P40070-1	18	8	7	0.045	5	15	0.245	41	60	6.669	8.035	0.036
P40041-1	18	10	7	0.045	5	15	0.289	51	74	6.669	8.035	0.036
16 AWG												
P50002-1	16	2	19	0.056	5	15	0.185	17	25	4.181	5.037	0.033
P50023-1	16	4	19	0.056	5	15	0.220	33	46	4.181	5.037	0.033
14 AWG												
P60022-1	14	2	19	0.070	5	15	0.216	26	36	2.631	3.170	0.058
12 AWG												
P70006-1	12	2	19	0.088	5	15	0.256	41	55	1.662	2.002	0.054

All dimensions are nominal and subject to normal manufacturing tolerances

◊ Cable marked with this symbol is a standard stock item

