

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

300V, 75°C, Multi-Conductor, Non-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. **Rip Cord:** Rip cord for ease of jacket removal
4. **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 444 Listed CMP
- UL 13 Power-Limited Circuit Cables
- NFPA 262

SAMPLE PRINT LEGEND:

XX AWG 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



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UPDATED: March 17, 2024, 3:01 a.m. UTC REVISION: 1.000.004

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												
P20031-1	22	2	7	0.022	5	15	0.118	4	8	16.72	20.15	0.030
P20035-1	22	4	7	0.022	5	15	0.136	8	15	16.72	20.15	0.030
P20008-1	22	6	7	0.022	5	15	0.163	13	21	16.72	20.15	0.030
P20044-1	22	12	7	0.022	5	15	0.216	26	40	16.72	20.15	0.030
20 AWG												
P30016-1	20	2	7	0.036	5	15	0.132	6	12	10.50	12.65	0.027
18 AWG												
P40020-1	18	2	7	0.045	5	15	0.152	10	16	6.669	8.035	0.036
P40024-1	18	3	7	0.045	5	15	0.160	15	23	6.669	8.035	0.036
P40031-1	18	4	7	0.045	5	15	0.181	20	30	6.669	8.035	0.036
P40065-1	18	6	7	0.045	5	15	0.217	30	43	6.669	8.035	0.036
P40030-1	18	8	7	0.045	5	15	0.237	40	56	6.669	8.035	0.036
P40166-1	18	10	7	0.045	5	15	0.280	50	70	6.669	8.035	0.036
16 AWG												
P50032-1	16	2	19	0.056	5	15	0.174	16	23	4.181	5.037	0.033
P50059-1	16	4	19	0.056	5	15	0.201	32	42	4.181	5.037	0.033
14 AWG												
P60040-1	14	2	19	0.07	5	15	0.200	25	33	2.631	3.170	0.058
12 AWG												
P70031-1	12	2	19	0.088	5	15	0.251	40	52	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

