

Multi Conductor CL3P/FPLP/CMP Shielded

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 shield with 24 AWG tinned drain wire
4. **Rip Cord:** Rip cord for ease of jacket removal
5. **Jacket:** White Low Smoke Polyvinyl Chloride (LS-PVC)

APPLICATIONS AND FEATURES:

For use in Remote Control, Signaling, and Power-Limited circuits per NEC Article 725. Sizes 22 AWG - 16 AWG can also be used as communication circuits per NEC Article 800. Can be used in security, sound and audio, speaker cable, public address, intercom, sound reinforcement, alarm and access control circuits and power-limited controls. The conductors are cabled together; lay length varies depending on conductor count and gauge size.

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												
P40041-1	18	10	7	0.045	5	15	0.289	51	74	6.669	8.035	0.036
16 AWG												
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

