



Multi Conductor CL3P/FPLP/CMP Shielded

300V, 75°C, Multi-Conductor, Shielded, Stranded Copper, CL3P/FPLP/CMP. Minimum Operating Temperature -10°C, Maximum Operating Temperature 75°C



Image not to scale. See Table 1 for dimensions.

CONSTRUCTION:

1. **Conductor:** Stranded bare copper per ASTM B3 and 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 B3 Soft or Annealed Copper Wire
- ASTM B8 Concentric-Lay-Stranded Copper Conductors
- UL 13 Power-Limited Circuit Cables
- UL 444 Communications Cables (22 AWG - 16 AWG)
- 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	Jacket Color
	AWG	No.	strands	inch	mil	mil	inch	lb / 1000ft	lb /1000ft	Ω /1000ft	Ω /1000ft	
22 AWG												
P20032-1	22	2	7	0.022	5	15	0.124	5	11	16.723	20.15	White
P20043-1	22	3	7	0.022	5	15	0.133	7	14	16.723	20.15	White
P20270-1	22	4	7	0.022	5	15	0.142	9	17	16.723	20.15	White
P20019-1	22	6	7	0.022	5	15	0.168	14	24	16.723	20.15	White
P20037-1	22	8	7	0.022	5	15	0.185	18	31	16.723	20.15	White
P20023-1	22	12	7	0.022	5	15	0.226	27	44	16.723	20.15	White
20 AWG												
P30006-1	20	2	7	0.036	5	15	0.135	8	14	10.503	12.65	White
P30003-1	20	4	7	0.036	5	15	0.156	14	23	10.503	12.65	White
18 AWG												
P40133-1◇	18	2	7	0.045	9	15	0.161	11	19	6.669	8.035	White
P40032-1◇	18	3	7	0.045	9	15	0.165	16	25	6.669	8.035	White
P40073-1◇	18	4	7	0.045	9	15	0.186	21	33	6.669	8.035	White
P40040-1◇	18	6	7	0.045	9	15	0.223	32	46	6.669	8.035	White
P40070-1◇	18	8	7	0.045	9	15	0.245	42	60	6.669	8.035	White
P40041-1	18	10	7	0.045	5	15	0.289	51	74	6.669	8.035	White
16 AWG												
P50002-1◇	16	2	19	0.056	9	15	0.185	17	25	4.181	5.037	White
P50023-1	16	4	19	0.056	5	15	0.220	33	46	4.181	5.037	White
14 AWG												
P60022-1	14	2	19	0.070	5	15	0.216	26	36	2.631	3.170	White
12 AWG												
P70006-1	12	2	19	0.088	5	15	0.256	41	55	1.662	2.002	White

All dimensions are nominal and subject to normal manufacturing tolerances

◇ Cable marked with this symbol is a standard stock item

