



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	Jacket Color
	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	Gray
P20043-1	22	3	7	0.022	5	15	0.133	7	14	16.723	20.15	0.030	Gray
P20270-1	22	4	7	0.022	5	15	0.142	9	17	16.723	20.15	0.030	Gray
P20019-1	22	6	7	0.022	5	15	0.168	14	24	16.723	20.15	0.030	Gray
P20037-1	22	8	7	0.022	5	15	0.185	18	31	16.723	20.15	0.030	Gray
P20023-1	22	12	7	0.022	5	15	0.226	27	44	16.723	20.15	0.030	Gray
20 AWG													
P30006-1	20	2	7	0.036	5	15	0.135	8	14	10.503	12.65	0.027	Gray
P30003-1	20	4	7	0.036	5	15	0.156	14	23	10.503	12.65	0.027	Gray
18 AWG													
P40041-1	18	10	7	0.045	5	15	0.289	51	74	6.669	8.035	0.036	Gray
16 AWG													
P50023-1	16	4	19	0.056	5	15	0.220	33	46	4.181	5.037	0.033	Gray
14 AWG													
P60022-1	14	2	19	0.070	5	15	0.216	26	36	2.631	3.170	0.058	Gray
12 AWG													
P70006-1	12	2	19	0.088	5	15	0.256	41	55	1.662	2.002	0.054	Gray

All dimensions are nominal and subject to normal manufacturing tolerances

◊ Cable marked with this symbol is a standard stock item

