

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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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 Rectance |
|--------------|------------|--------------|---------------|---------------------|------------------|------------------|------------|---------------|----------------|----------------------|----------------------|--------------------|
| | AWG | No. | strands | inch | mil | mil | inch | lb / 1000ft | lb /1000ft | Ω /1000ft | Ω /1000ft | Ω/1000ft |
| 16 AWG | | | | | | | | | | | | |
| P50059-1 | 16 | 4 | 19 | 0.056 | 5 | 15 | 0.201 | 32 | 42 | 4.181 | 5.037 | 0.033 |

All dimensions are nominal and subject to normal manufacturing tolerances
◊ Cable marked with this symbol is a standard stock item