

# Fire Alarm FPLP Solid Non-Shielded

300V, 75°C, Multi-Conductor, Unshielded, Solid Copper as FPLP. Minimum Temperature 0°C, Maximum Temperature 75°C

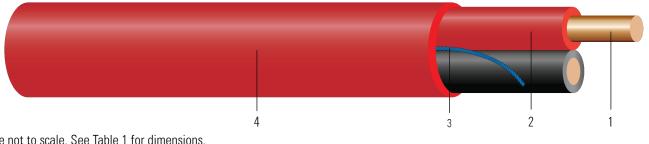


Image not to scale. See Table 1 for dimensions.

## **CONSTRUCTION:**

- 1. **Conductor:** Solid bare copper per ASTM B3
- 2. Insulation: Low Smoke Polyvinyl Chloride LS-PVC. Twisted multi-conductor
- 3. Rip Cord: Rip cord for ease of jacket removal
- 4. Jacket: Low Smoke Polyvinyl Chloride LS-PVC, Color: RED

## **APPLICATIONS AND FEATURES:**

Fire protective signaling circuits. Also for smoke detectors, voice communications, audio control and initiating circuits. Article 760 of the NEC. For use in plenum spaces. Minimum Temperature 0°C, Maximum Temperature 75°C

## SPECIFICATIONS:

- UL 1424 Listed FPLP
- UL 1424 Cables for Power-Limited Fire-Alarm Circuits
- NFPA 70 NFPA 101, NFPA 130, and NFPA 502
- UL 13 Power-Limited Circuit Cables
- UL 444 Communications Cables (22 AWG 16 AWG)
- RoHS-2 (European Directive 2011/65/EU)

## **SAMPLE PRINT LEGEND:**

XX AWG X/C E75610 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<br>Number | Cond.<br>Size | Cond.<br>Number | Cond.<br>Strands | Diameter<br>Over Cond. | Insul.<br>Thickness | Jacket<br>Thickness | Approx.<br>OD | Copper<br>Weight | Approx.<br>Weight | DC<br>Resistance @<br>25°C | AC<br>Resistance @<br>75°C | Min<br>Bending<br>Radius |
|-----------------|---------------|-----------------|------------------|------------------------|---------------------|---------------------|---------------|------------------|-------------------|----------------------------|----------------------------|--------------------------|
|                 | AWG           | No.             | strands          | inch                   | mil                 | mil                 | inch          | lb /<br>1000ft   | lb /<br>1000ft    | Ω /1000ft                  | Ω /1000ft                  | inch                     |
| 16 AWG          |               |                 |                  |                        |                     |                     |               |                  |                   |                            |                            |                          |
| G50032-1        | 16            | 2               | Solid            | 0.050                  | 10                  | 15                  | 0.164         | 15               | 22                | 4.181                      | 5.037                      | 0.6                      |

All dimensions are nominal and subject to normal manufacturing tolerances

Cable marked with this symbol is a standard stock item

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