# Fire Alarm FPLP Solid Non-Shielded

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

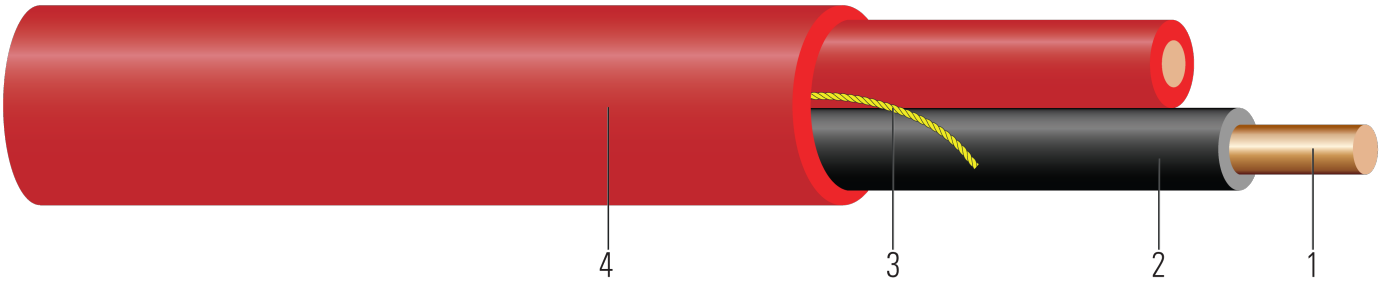



Image not to scale. See Table 1 for dimensions.

## 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:** Red Low Smoke Polyvinyl Chloride (LS-PVC)

## 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 Operating Temperature 0°C , Maximum Operating Temperature 75°C

## SPECIFICATIONS:

- UL 1424 Cables for Power-Limited Fire-Alarm Circuits
- UL 1424 Listed FPLP
- NFPA 70, NFPA 101, 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 Number | Cond. Size | Cond. Number | Cond. Strands | Diameter Over Cond. | Insul. Thickness | Jacket Thickness | Approx. OD | Copper Weight | Approx. Weight | DC Resistance @ 25°C | Min Bending Radius |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | AWG | No. | strands | inch | mil | mil | inch | lb /1000ft | lb /1000ft | Ω /1000ft | inch |
| 16 AWG | | | | | | | | | | | |
| G50032-1 | 16 | 2 | SOLID | 0.05 | 10 | 15 | 0.164 | 16 | 23 | 4.181 | 0.7 |

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


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