# Fire Alarm FPLR Stranded Non-Shielded

300V, 60°C, Multi-Conductor, Unshielded, Stranded Copper as FPLR. Rated CMR/CL3R/FPLR CMG SUN RES FT4. Minimum Operating Temperature -10°C, Maximum Operating Temperature 60°C

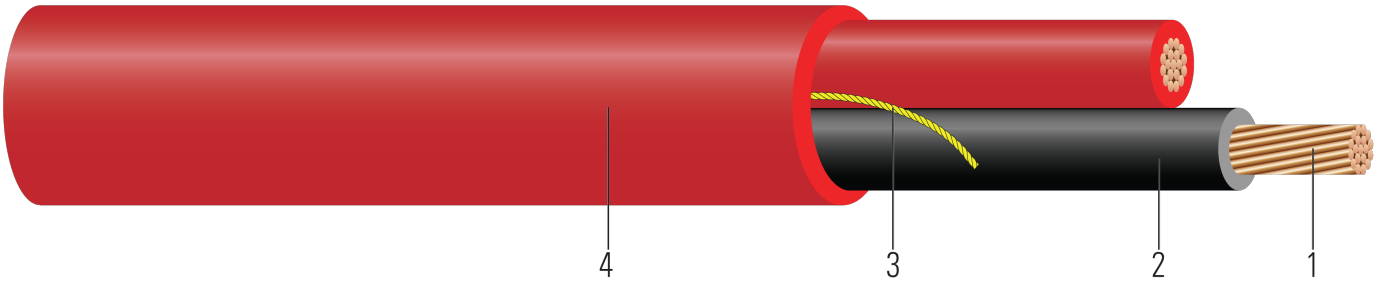



Image not to scale. See Table 1 for dimensions.

## CONSTRUCTION:

1. **Conductor:** Stranded bare copper per ASTM B3 and B8
2. **Insulation:** Low Smoke Polyvinyl Chloride (LS-PVC)
3. **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. Minimum Operating Temperature -10°C, Maximum Operating Temperature 60°C

## SPECIFICATIONS:

- UL 1424 Cables for Power-Limited Fire-Alarm Circuits
- UL 1424 Listed FPLR
- ASTM B3 Soft or Annealed Copper Wire
- ASTM B8 Concentric-Lay-Stranded Copper Conductors
- 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 CMR/CL3R/FPLR SUN RES -- CMG FT4 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 |
| 12 AWG | | | | | | | | | | | |
| F70092-1 | 12 | 2 | 19 | 0.088 | 10 | 15 | 0.266 | 40 | 52 | 1.662 | 1.1 |

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


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