



## Fire Alarm FPLR Stranded Non-Shielded

300V, 75°C, Multi-Conductor, Unshielded, Stranded Copper as FPLR. Rated CMR/CL3R/FPLR CMG SUN RES FT4

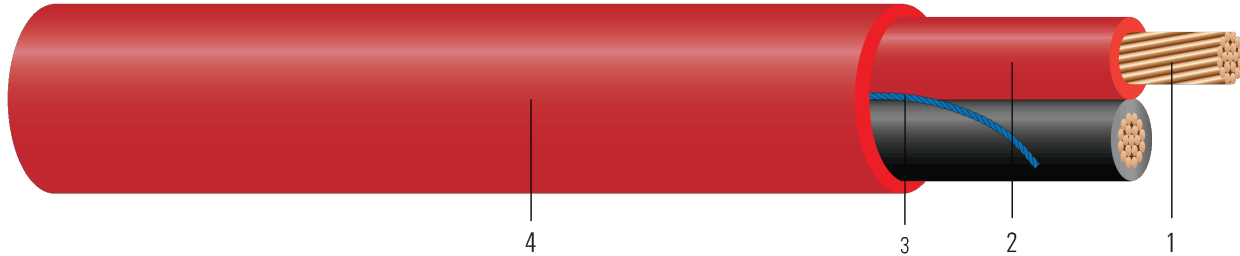


Image not to scale. See Table 1 for dimensions.

### 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:** 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.

### SPECIFICATIONS:

- UL 1424 Cables for Power-Limited Fire-Alarm Circuits
- UL 1424 Listed FPLR
- 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 CMR/CL3R/FPLR SUN RES -- CMG FT4 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. | Insulation Color | Insul. Thickness | Jacket Thickness | Approx. OD | Copper Weight | Approx. Weight | DC Resistance @ 25°C | AC Resistance @ 75°C | Min Bending Radius | Jacket Color |
|--------------|------------|--------------|---------------|---------------------|------------------|------------------|------------------|------------|---------------|----------------|----------------------|----------------------|--------------------|--------------|
|              | AWG        | No.          | strands       | inch                |                  | mil              | mil              | inch       | lb / 1000ft   | lb / 1000ft    | Ω /1000ft            | Ω /1000ft            | inch               |              |
| 12 AWG       |            |              |               |                     |                  |                  |                  |            |               |                |                      |                      |                    |              |
| F70092-1     | 12         | 2            | 19            | 0.088               | BK,RD            | 10               | 15               | 0.266      | 40            | 52             | 1.662                | 2.002                | 1.0                | RD           |

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

