

# Fire Alarm FPLR Solid Non-Shielded

300V, 75°C, Multi-Conductor, Unshielded, Solid Copper as FPLR. Rated CMR/CL3R/FPLR CMG SUN RES FT4. Minimum Temperature -10°C, Maximum Temperature 75°C

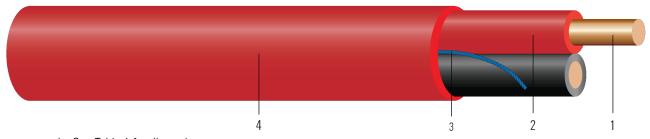


Image not to scale. See Table 1 for dimensions.

#### **CONSTRUCTION:**

- 1. **Conductor:** Solid bare copper per ASTM B3
- 2. Insulation: Low Smoke Polyvinyl Chloride LS-PVC
- 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. Minimum Temperature -10°C, Maximum Temperature 75°C

### **SPECIFICATIONS:**

- UL 1424 Cables for Power-Limited Fire-Alarm Circuits
- UL1424 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.	Insul. Thickness	Jacket Thickness	Approx. OD	Copper Weight	Approx. Weight	DC Resistance @ 25°C	AC Resistance @ 75°C	Min Bending Radius
	AWG	No.	strands	inch	mil	mil	inch	lb / 1000ft	lb / 1000ft	Ω /1000ft	Ω /1000ft	inch
18 AWG												
F40021-1	18	2	Solid	0.040	10	15	0.200	10	18	6.669	8.030	0.8

All dimensions are nominal and subject to normal manufacturing tolerances



<sup>♦</sup> Cable marked with this symbol is a standard stock item