Fire Alarm FPLR Stranded Shielded

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

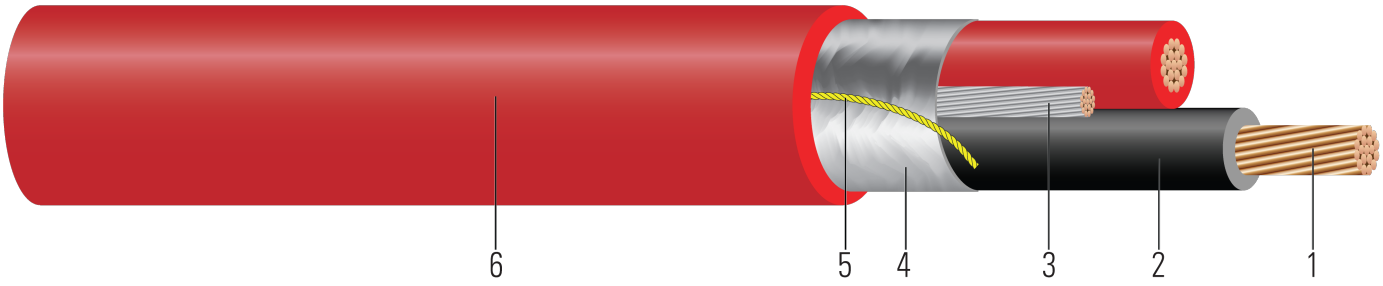


Image not to scale. See Table 1 for dimensions.

CONSTRUCTION:

1. **Conductor:** Stranded bare copper per ASTM B3 and B8
2. **Insulation:** Low Smoke Polyvinyl Chloride (LS-PVC)
3. **Drain Wire:** 24 AWG tinned copper drain wire per ASTM B33
4. **Shield:** Aluminum foil shield
5. **Rip Cord:** Rip cord for ease of jacket removal
6. **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
- ASTM B33 Standard Specification for Tin-Coated Soft or Annealed Copper Wire
- 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}

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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	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												
F40370-1	18	2	7	0.045	10	15	0.149	11	17	6.669	8.035	0.9
16 AWG												
F50375-1	16	2	7	0.056	10	15	0.190	17	25	4.181	5.037	1.1
14 AWG												
F60341-1	14	2	7	0.07	10	15	0.222	26	37	2.631	3.17	1.3

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

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