



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

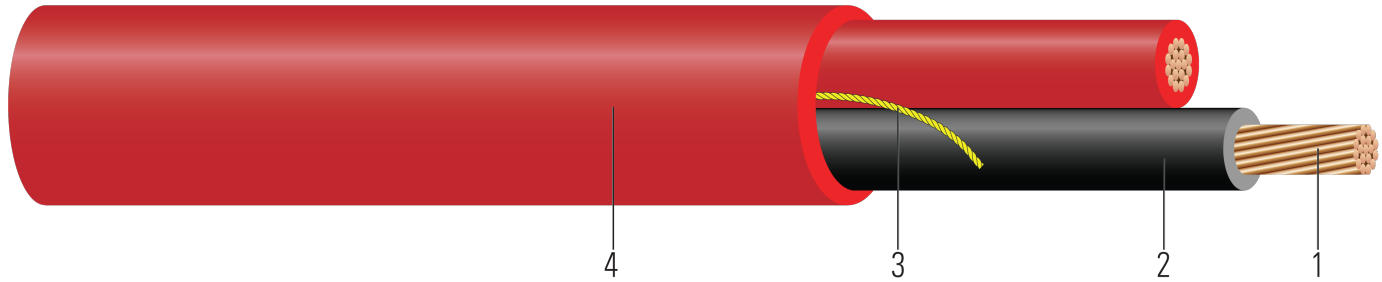


Image not to scale. See Table 1 for dimensions.

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 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	
16 AWG														
20FART-1602	16	2	7	0.056	BK,RD	10	15	0.184	16	23	4.181	5.037	0.7	RD
14 AWG														
20FART-1402	14	2	7	0.070	BK,RD	10	15	0.218	25	35	2.631	3.170	0.8	RD
12 AWG														
20FART-1202	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

