Fire Alarm FPLP Solid Shielded

300V, 75°C, Multi-Conductor, Shielded, Solid Copper as FPLP. Minimum Temperature 0°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. Shield: Aluminum foil shielded with 24 AWG drain wire
- 4. Rip Cord: Rip cord for ease of jacket removal
- 5. 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. For use in plenum spaces. Minimum Temperature 0°C, Maximum Temperature 75°C

SPECIFICATIONS:

- UL 1424 Cables for Power-Limited Fire-Alarm Circuits
- UL 1424 Listed FPLP
- 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 CMP/CL3P/FPLP 75°C -- CMP FT6 MADE IN USA ROHS-2 COMPLIANT -- {MM/DD/YY} {HH:MM} {SEQUENTIAL FOOTAGE MARKS} SEQ FEET



Stock # G40504-1 | SPEC 13021

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												
G40504-1	18	4	Solid	0.040	10	15	0.183	21	30	6.669	8.035	1.1

All dimensions are nominal and subject to normal manufacturing tolerances



[♦] Cable marked with this symbol is a standard stock item