

# FIRE ALARM CABLE | LSHF



## UNSHIELDED FPLR 300 V 90°C

AWG	COND	STRAND	PART NO.	CAP pF/FT	OUTER JKT THICKNESS		NOMINAL OD		SHIP WT / 1M'
					INCH	mm	INCH	mm	
18	2	SOL	48802	28	.015	.38	.147	3.73	18
	4	SOL	48804	28	.015	.38	.171	4.34	31
	6	SOL	48806	28	.015	.38	.205	5.21	44
16	2	SOL	48602	31	.015	.38	.168	4.27	25
	4	SOL	48604	31	.015	.38	.197	5.00	45
14	2	SOL	48402	30	.015	.38	.206	5.23	38
	4	SOL	48404	30	.015	.38	.243	6.17	68
12	2	SOL	48202	33	.015	.38	.240	6.10	54

## SHIELDED FPLR 300 V 90°C

AWG	COND	STRAND	PART NO.	CAP pF/FT	OUTER JKT THICKNESS		NOMINAL OD		SHIP WT / 1M'
					INCH	mm	INCH	mm	
18	2	SOL	48802SD	53	.015	.38	.152	3.86	20
	4	SOL	48804SD	53	.015	.38	.177	4.50	33
16	2	SOL	48602SD	60	.015	.38	.173	4.39	27
	4	SOL	48604SD	60	.015	.38	.202	5.13	47
14	2	SOL	48402SD	58	.015	.38	.212	5.38	40
	4	SOL	48404SD	58	.015	.38	.249	6.32	70
12	2	SOL	48202SD	66	.015	.38	.245	6.22	57

The information contained on this specification is intended to be used as a guide and every effort has been made to ensure its accuracy at time of publication. This specification is subject to change anytime without notice. Please refer to [www.adcable.com](http://www.adcable.com) for the most up to date information. Rev 0622

### PRODUCT DESCRIPTION

Low Smoke Halogen Free Polyolefin (LSHF) insulated solid bare copper conductors, twisted with an overall red LSHF jacket with rip cord. Shielded version has an aluminum tape and drain wire.

### APPLICATIONS

- Fire Protection
- Alarm
- Signal
- Monitor/Detection
- Audio Circuits
- Control Circuits
- Initiating Circuits
- Notification Circuits

### SPECIFICATIONS

**Conductor** Solid Bare Copper  
**Insulation**

- 18-16 AWG .009" LSHF Polyolefin
- 14-12 AWG .012" LSHF Polyolefin

**Jacket** LSHF Polyolefin  
**Shield** Aluminum Mylar

**NEC Articles**

- 18-16 AWG: 760 FPLR, 800 CMR, 725 CL3R
- 14-12 AWG: FPLR, CL3R

**Voltage Rating** 300 V

**Temp. Rating** -25°C to +90°C

**Drain Wire** 24 AWG Tinned Copper

### COLOR CODE CHART

Cond	Color
1	Black
2	Red
3	Brown
4	Blue
5	Orange
6	Yellow

### AVAILABLE PUT-UPS

1,000' Reels and Boxes

500' Reels and Boxes

Other lengths available. Please consult your factory representative for availability.

### CABLE IDENTIFICATION

XX AWG XXC FIRE ALARM CABLE (UL) CL3R OR FPLR OR cUL(us) TYPE CMR E179335 90C LSHF FT4 RoHS



(800) 343 2579 • [www.adcable.com](http://www.adcable.com)