

FIRE ALARM - FPLR

CL2R/CMR/CMG/FT4

Commercial Applications Power Limited

**RoHS Compliant**

Cables are manufactured to meet current NEC guidelines and are verified by outside standards organizations including c(UL)us and c(ETL)us.

PART NO.	AWG/ COND	STRAND	OUTER JKT THICKNESS		NOMINAL OD		SHIP WT / 1M'
			INCH	mm	INCH	mm	
UNSHIELDED FPLR 300 V 75°C							
18 AWG							
81802	18/2	SOL	.015	.381	.151	3.84	17
81804	18/4	SOL	.015	.381	.176	4.47	30
81806	18/6	SOL	.015	.381	.212	5.38	45
16 AWG							
81602	16/2	SOL	.015	.381	.174	4.42	25
81604	16/4	SOL	.015	.381	.201	5.11	45
14 AWG							
81402	14/2	SOL	.015	.381	.213	5.41	38
81404	14/4	SOL	.015	.381	.251	6.38	70
12 AWG							
81202	12/2	SOL	.015	.381	.244	6.20	59
SHIELDED FPLR 300 V 75°C							
18 AWG							
81802SD	18/2	SOL	.015	.381	.155	3.94	21
81804SD	18/4	SOL	.015	.381	.180	4.57	36
16 AWG							
81602SD	16/2	SOL	.015	.381	.178	4.52	29
81604SD	16/4	SOL	.015	.381	.205	5.21	52
14 AWG							
81402SD	14/2	SOL	.015	.381	.217	5.51	43
81404SD	14/4	SOL	.015	.381	.255	6.48	79
12 AWG							
81202SD	12/2	SOL	.015	.381	.251	6.38	64

PRODUCT DESCRIPTION

PVC insulated solid bare copper conductors, twisted with an overall red PVC jacket* with rip cord. Shielded version has an aluminum tape and drain wire.

*Other colors available upon request. Please consult factory for minimums and lead times.

SPECIFICATIONS

Conductor	Solid Bare Copper
Insulation	
18-16 AWG	.010" PVC
14-12 AWG	.012" PVC
Jacket	PVC
Shield	Aluminum Mylar
NEC Articles	18-16 AWG: 760 FPLR, 800 CMR, 725 CL2R
	14-12 AWG: FPLR, CL2R
Voltage Rating	300 V
Temp. Rating	75°C
Drain Wire	24 AWG

APPLICATIONS

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

COLOR CODE CHART

Cond	Color	Cond	Color
1	Black	4	Blue
2	Red	5	Orange
3	Brown	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 XC SHLD RISER FIRE ALARM CABLE (ETL)us TYPE CL2R/FPLR OR c(ETL)us CMG CMR 3054355

