

Multi-Conductor, Shielded, Non-Plenum

NEC Type FPLR

Product Construction:

Conductor:

- 22 thru 12 AWG fully annealed solid bare copper per ASTM B-3

Insulation:

- Premium-grade, color-coded S-R PVC
- Color Code: See chart below

Shield:

- Overall Flexfoil® polyester supported aluminum foil
- Stranded tinned copper drain wire

Jacket:

- Premium-grade, red PVC
- Suitable for use from -20°C to +75°C
- Sequential footage markings to facilitate installation
- Includes ripcord

Applications:

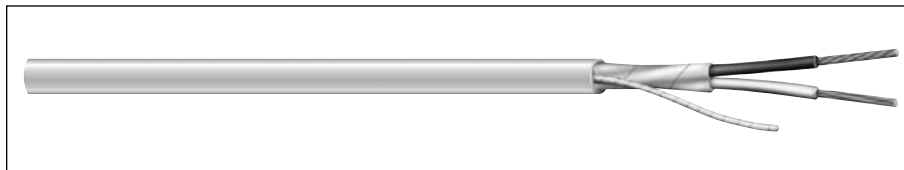
- Wiring of fire alarms
- Smoke alarms
- Voice communications
- Burglar alarms
- Fire protective circuits
- Suggested voltage rating: 300 volts

Compliances:

- NEC Article 760 Type FPLR (UL: 75°C, 300V)
- California State Fire Marshall Approved
- RoHS Compliant Directive 2002/95/EC
- Designed to Meet UL 1666 Flame Test

Packaging:

- Please contact Customer Service for packaging and color options



CATALOG NUMBER	NO. OF COND.	AWG SIZE	COND. STRAND	NOM. INSULATION THICKNESS		NOM. JACKET WALL		NOMINAL O.D.	
				INCHES	mm	INCHES	mm	INCHES	mm

22 AWG CONDUCTORS

E2482S	2	22	Solid	0.010	0.25	0.015	0.38	0.126	3.20
E2484S	4	22	Solid	0.010	0.25	0.015	0.38	0.145	3.68

18 AWG CONDUCTORS

E2502S	2	18	Solid	0.010	0.25	0.015	0.38	0.158	4.01
E2503S	3	18	Solid	0.010	0.25	0.015	0.38	0.165	4.19
E2504S	4	18	Solid	0.010	0.25	0.015	0.38	0.183	4.65
E2506S	6	18	Solid	0.010	0.25	0.015	0.38	0.216	5.49
E2508S	8	18	Solid	0.010	0.25	0.015	0.38	0.235	5.97

16 AWG CONDUCTORS

E2522S	2	16	Solid	0.010	0.25	0.015	0.38	0.180	4.57
E2524S	4	16	Solid	0.010	0.25	0.015	0.38	0.210	5.33

14 AWG CONDUCTORS

E2532S	2	14	Solid	0.013	0.33	0.015	0.38	0.218	5.54
E2534S	4	14	Solid	0.013	0.33	0.015	0.38	0.253	6.43

12 AWG CONDUCTORS

E2542S	2	12	Solid	0.013	0.33	0.015	0.38	0.252	6.40
E2544S	4	12	Solid	0.013	0.33	0.015	0.38	0.293	7.44

Color Code Chart

NO. OF COND.	COLOR
1	Black
2	Red
3	Brown
4	Blue
5	Orange
6	Yellow
7	Violet
8	Gray