

# Multi-Conductor, Shielded, Non-Plenum

NEC Type FPLR and CL3R, NEC/CEC Type CMR

**Product Construction:**

**Conductor:**

- 22 thru 12 AWG fully annealed solid bare copper per ASTM B3

**Insulation:**

- Premium-grade, color-coded PVC
- Color code: See chart below

**Shield:**

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

**Jacket:**

- Premium-grade PVC, red
- Temperature range: -20°C to +105°C
- Sequential footage markings to facilitate installation
- Includes ripcord

**Applications:**

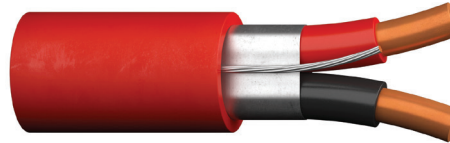
- Wiring of fire alarms
- Smoke alarms
- Voice communications
- Burglar alarms
- Fire protective circuits
- Suggested voltage rating: 300 volts

**Compliances:**

- NEC Article 760 Type FPLR (UL: 105°C, 300 V)
- NEC Article 725 Type CL3R (UL: 105°C, 300 V)
- NEC Article 800 Type CMR (UL: 105°C, 300 V)
- Suitable for use in the State of California
- RoHS Compliant Directive 2015/863/EU (RoHS-3)

**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.	
				in	mm	in	mm	in	mm
<b>E2482S</b>	2	22	Solid	0.010	0.25	0.015	0.38	0.126	3.20
<b>E2484S</b>	4	22	Solid	0.010	0.25	0.015	0.38	0.145	3.68
<b>E2502S</b>	2	18	Solid	0.010	0.25	0.015	0.38	0.158	4.01
<b>E2503S</b>	3	18	Solid	0.010	0.25	0.015	0.38	0.165	4.19
<b>E2504S</b>	4	18	Solid	0.010	0.25	0.015	0.38	0.183	4.65
<b>E2506S</b>	6	18	Solid	0.010	0.25	0.015	0.38	0.216	5.49
<b>E2508S</b>	8	18	Solid	0.010	0.25	0.015	0.38	0.235	5.97
<b>E2522S</b>	2	16	Solid	0.010	0.25	0.015	0.38	0.180	4.57
<b>E2524S</b>	4	16	Solid	0.010	0.25	0.015	0.38	0.210	5.33
<b>E2532S*</b>	2	14	Solid	0.013	0.33	0.015	0.38	0.218	5.54
<b>E2534S*</b>	4	14	Solid	0.013	0.33	0.015	0.38	0.253	6.43
<b>E2542S*</b>	2	12	Solid	0.013	0.33	0.015	0.38	0.252	6.40
<b>E2544S*</b>	4	12	Solid	0.013	0.33	0.015	0.38	0.293	7.44

\* NEC FPLR/CL3R only.  
Data subject to change.

**COLOR CODE CHART**

NO. OF COND.	COLOR
<b>1</b>	Black
<b>2</b>	Red
<b>3</b>	Brown
<b>4</b>	Blue
<b>5</b>	Orange
<b>6</b>	Yellow
<b>7</b>	Purple
<b>8</b>	Gray