

# Multi-Conductor, Shielded, Plenum

## NEC Type FPLP

**Product Construction:**

**Conductor:**

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

**Insulation:**

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

**Shield:**

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

**Jacket:**

- Premium-grade, red Flexguard® PVC
- Suitable for use from 0°C to +75°C
- Sequential footage markings to facilitate installation
- Includes ripcord

**Applications:**

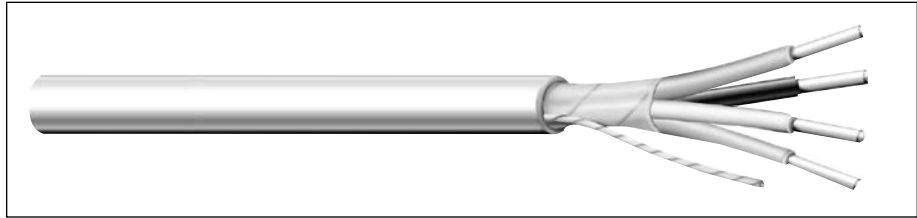
- Wiring of fire alarms
- Smoke detectors
- Voice communications
- Burglar alarms
- Fire protective circuits
- Suggested voltage rating: 300 volts

**Compliances:**

- NEC Article 760 Type FPLP (UL: 75°C, 300V)
- California State Fire Marshall Approved
- Designed to meet NFPA 262 and CSA FT-6 Steiner Tunnel Fire Tests for Plenum Applications

**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**

<b>E3542S</b>	2	22	Solid	0.010	0.25	0.015	0.38	0.126	3.20
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**18 AWG CONDUCTORS**

<b>E3602S</b>	2	18	Solid	0.010	0.25	0.015	0.38	0.158	4.01
<b>E3603S</b>	3	18	Solid	0.010	0.25	0.015	0.38	0.165	4.19
<b>E3604S</b>	4	18	Solid	0.010	0.25	0.015	0.38	0.183	4.65
<b>E3606S</b>	6	18	Solid	0.010	0.25	0.015	0.38	0.216	5.49

**16 AWG CONDUCTORS**

<b>E3612S</b>	2	16	Solid	0.010	0.25	0.015	0.38	0.180	4.57
<b>E3614S</b>	4	16	Solid	0.010	0.25	0.015	0.38	0.210	5.33

**14 AWG CONDUCTORS**

<b>E3622S</b>	2	14	Solid	0.012	0.30	0.015	0.38	0.210	5.33
<b>E3624S</b>	4	14	Solid	0.012	0.30	0.015	0.38	0.248	6.30

**12 AWG CONDUCTORS**

<b>E3632S</b>	2	12	Solid	0.012	0.30	0.015	0.38	0.252	6.40
<b>E3634S</b>	4	12	Solid	0.012	0.30	0.015	0.38	0.300	7.62

**Color Code Chart**

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