

# Multi-Conductor, Shielded, Plenum

NEC Type FPLP



**Product Construction:**

- Conductor:**
- 22 thru 12 AWG fully annealed solid bare copper per ASTM B3
- Insulation:**
- Premium-grade, color-coded Flexguard® PVC
  - Color code: See chart below

| 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>E3542S</b>  | 2            | 22       | Solid        | 0.010                     | 0.25 | 0.015            | 0.38 | 0.126        | 3.20 |
| <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 |
| <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 |
| <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 |
| <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 |

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 |

- Jacket:**
- Premium-grade Flexguard® PVC, red
  - 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, 300 V)
  - NEC Article 725 Type CL3P (UL: 75°C, 300 V)
  - NEC Article 800 Type CMP (UL: 75°C, 300 V)
  - Suitable for use in the State of California
  - Designed to meet NFPA 262 and CSA FT6 Steiner Tunnel Fire Tests for Plenum Applications

**Packaging:**

- Please contact Customer Service for packaging and color options

Designed to Meet  
NFPA 262 and CSA FT6  
Steiner Tunnel Fire Tests  
for Plenum Applications



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