

Multi-Conductor, Unshielded, 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

Jacket:

- Premium-grade, red Flexguard® PVC
- Temperature range: 0°C to +75°C
- Sequential footage markings to facilitate installation
- Includes ripcord

Applications:

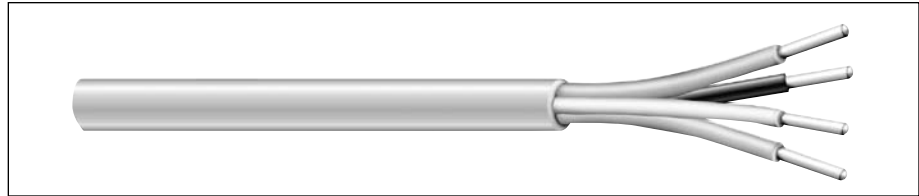
- Wiring of fire alarms
- Smoke detectors
- Voice communications
- Burglar alarms
- Fire protective circuits
- Suggested voltage rating: 300 volts

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



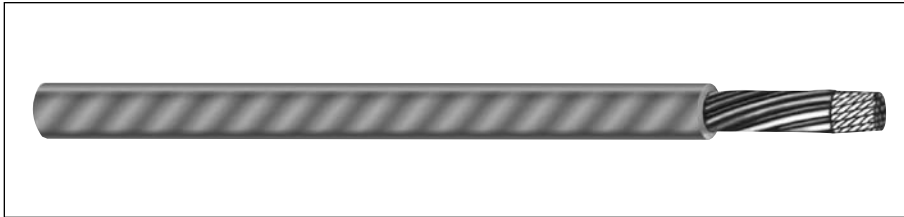
| CATALOG NUMBER | NO. OF COND. | AWG SIZE | COND. STRAND | NOM. INSULATION THICKNESS | | NOM. JACKET WALL | | NOMINAL O.D. | |
|--------------------------|--------------|----------|--------------|---------------------------|------|------------------|------|--------------|------|
| | | | | INCHES | mm | INCHES | mm | INCHES | mm |
| 22 AWG CONDUCTORS | | | | | | | | | |
| E3482S | 2 | 22 | Solid | 0.010 | 0.25 | 0.015 | 0.38 | 0.121 | 3.07 |
| E3484S | 4 | 22 | Solid | 0.010 | 0.25 | 0.015 | 0.38 | 0.137 | 3.47 |
| 18 AWG CONDUCTORS | | | | | | | | | |
| E3502S | 2 | 18 | Solid | 0.010 | 0.25 | 0.015 | 0.38 | 0.155 | 3.81 |
| E3503S | 3 | 18 | Solid | 0.010 | 0.25 | 0.015 | 0.38 | 0.160 | 4.06 |
| E3504S | 4 | 18 | Solid | 0.010 | 0.25 | 0.015 | 0.38 | 0.175 | 4.45 |
| E3506S | 6 | 18 | Solid | 0.010 | 0.25 | 0.015 | 0.38 | 0.211 | 5.36 |
| 16 AWG CONDUCTORS | | | | | | | | | |
| E3512S | 2 | 16 | Solid | 0.010 | 0.25 | 0.015 | 0.38 | 0.172 | 4.37 |
| E3514S | 4 | 16 | Solid | 0.010 | 0.25 | 0.015 | 0.38 | 0.202 | 5.13 |
| 14 AWG CONDUCTORS | | | | | | | | | |
| E3522S | 2 | 14 | Solid | 0.012 | 0.30 | 0.015 | 0.38 | 0.205 | 5.21 |
| E3524S | 4 | 14 | Solid | 0.012 | 0.30 | 0.015 | 0.38 | 0.243 | 6.17 |
| 12 AWG CONDUCTORS | | | | | | | | | |
| E3532S | 2 | 12 | Solid | 0.012 | 0.30 | 0.015 | 0.38 | 0.244 | 6.20 |
| E3534S | 4 | 12 | Solid | 0.012 | 0.30 | 0.015 | 0.38 | 0.284 | 7.21 |

Color Code Chart

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

Multi-Conductor, Unshielded, Plenum

NEC Type FPLP, PVDF Jacketed



Product Construction

Conductor:

- 18 thru 12 AWG fully annealed solid bare copper to ASTM B-3

Insulation:

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

Jacket:

- Fluoropolymer, red
- Temperature range: -10°C to +75°C
- Includes ripcord

Applications:

- Fire alarm systems
- Voice communications
- Smoke detectors
- Pull boxes
- 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

Features:

- Abrasion-, chemical- and water-resistant jacket
- Sequentially footage marked

Packaging:

- Please contact Customer Service for packaging and color options

| CATALOG NUMBER | NO. OF COND | AWG SIZE | COND. STRAND | NOM. INSULATION THICKNESS | | NOM. JACKET THICKNESS | | NOMINAL O.D. | | NOM.* C-C CAP. pF/ft |
|----------------|-------------|----------|--------------|---------------------------|------|-----------------------|------|--------------|------|----------------------|
| | | | | IN | mm | IN | mm | IN | mm | |
| C3200 | 2 | 18 | Solid | 0.010 | 0.23 | 0.010 | 0.25 | 0.140 | 3.56 | 29.0 |
| C3201 | 4 | 18 | Solid | 0.010 | 0.23 | 0.010 | 0.25 | 0.156 | 3.96 | 29.0 |
| C3210 | 2 | 16 | Solid | 0.010 | 0.23 | 0.010 | 0.25 | 0.133 | 3.38 | 31.0 |
| C3211 | 4 | 16 | Solid | 0.010 | 0.23 | 0.010 | 0.25 | 0.186 | 4.72 | 31.0 |
| C3220 | 2 | 14 | Solid | 0.013 | 0.31 | 0.010 | 0.25 | 0.170 | 4.32 | 31.0 |
| C3223 | 4 | 14 | Solid | 0.013 | 0.31 | 0.010 | 0.25 | 0.224 | 5.69 | 31.0 |
| C3224 | 2 | 12 | Solid | 0.013 | 0.31 | 0.010 | 0.25 | 0.194 | 4.93 | 35.0 |
| C3225 | 4 | 12 | Solid | 0.013 | 0.31 | 0.010 | 0.25 | 0.261 | 6.63 | 35.0 |

*Capacitance between conductors

Color Code Chart

| NO. OF COND. | COLOR |
|--------------|-------|
| 1 | Black |
| 2 | Red |
| 3 | Brown |
| 4 | Blue |



Designed to Meet
NFPA 262 and CSA FT-6
Steiner Tunnel Fire Tests
for Plenum Applications

Underwriters Laboratories Inc.

