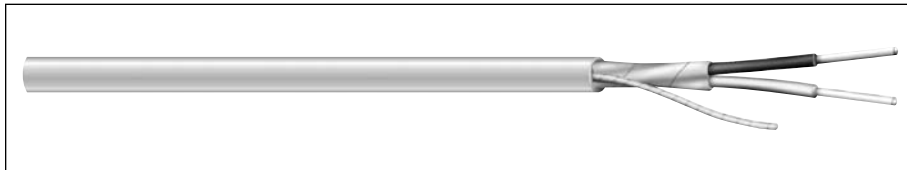


# Mid-Capacitance, Shielded, Non-Plenum

## NEC Type FPL for Microprocessor-Controlled Systems



| CATALOG NUMBER | NO. OF COND. | AWG SIZE | COND. STRAND | NOM. INSULATION THICKNESS |      | NOM. JACKET THICKNESS |      | NOMINAL O.D. |      | NOMINAL CAP. * pF/ft |      |
|----------------|--------------|----------|--------------|---------------------------|------|-----------------------|------|--------------|------|----------------------|------|
|                |              |          |              | INCHES                    | mm   | INCHES                | mm   | INCHES       | mm   | A                    | B    |
| C0472          | 2            | 18       | Solid        | 0.014                     | 0.36 | 0.020                 | 0.51 | 0.182        | 4.88 | 27.0                 | 49.0 |
| C0494          | 4            | 18       | Solid        | 0.014                     | 0.36 | 0.020                 | 0.51 | 0.210        | 5.33 | 24.5                 | 44.0 |
| C0474          | 2            | 16       | Solid        | 0.016                     | 0.41 | 0.020                 | 0.51 | 0.214        | 5.44 | 29.0                 | 52.0 |
| C0495          | 4            | 16       | Solid        | 0.016                     | 0.41 | 0.020                 | 0.51 | 0.246        | 6.25 | 26.0                 | 46.5 |
| C0475          | 2            | 14       | Solid        | 0.018                     | 0.46 | 0.020                 | 0.51 | 0.245        | 6.22 | 31.0                 | 55.5 |
| C0496          | 4            | 14       | Solid        | 0.018                     | 0.46 | 0.020                 | 0.51 | 0.287        | 7.29 | 27.5                 | 49.5 |
| C0476          | 2            | 12       | Solid        | 0.020                     | 0.51 | 0.020                 | 0.51 | 0.287        | 7.29 | 33.0                 | 60.0 |
| C0497          | 4            | 12       | Solid        | 0.020                     | 0.51 | 0.020                 | 0.51 | 0.337        | 8.56 | 29.0                 | 52.5 |

\*A - Capacitance between conductors

\*B - Capacitance between one conductor and other conductors connected to shield

### Color Code Chart

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

### Product Construction:

#### Conductor:

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

#### Insulation:

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

#### Shield:

- 100% Flexfoil® aluminum/polyester, 25% overlap, minimum
- Stranded tinned copper drain wire

#### Jacket:

- PVC, red
- Temperature range: 0°C to +60°C

### Applications:

- Addressable fire alarm systems
- Fire alarm systems
- Voice communications
- Smoke detectors
- Pull boxes
- Suggested voltage rating: 300 volts

### Compliances:

- NEC Article 760 Type FPL (UL: 60°C, 300V)
- California State Fire Marshall Approved
- RoHS Compliant Directive 2002/95/EC
- Passes UL 70,000 BTU Vertical Tray Flame Test

### Features:

- Red PVC jacket for easy critical circuit identification

### Packaging:

- Please contact Customer Service for packaging and color options

**CAROL BRAND**



Designed to Meet  
UL Vertical Tray  
Flame Test

Underwriters Laboratories Inc.



**General Cable**