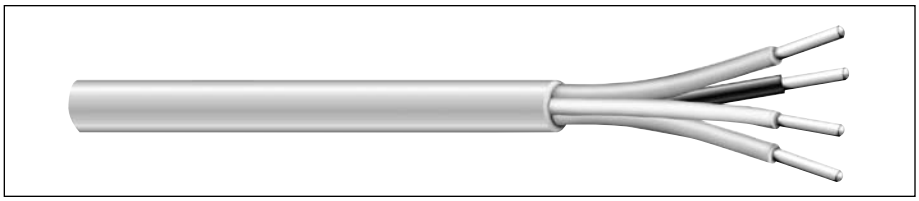
# Power-Limited Tray Cable, Unshielded

## NEC Type PLTC



| CATALOG NUMBER | NO. OF COND. | AWG SIZE | COND. STRAND | NOM. INSULATION THICKNESS | | NOM. JACKET THICKNESS | | NOMINAL O.D. | | NOM. C-C CAP.* pF/ft |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | INCHES | mm | INCHES | mm | INCHES | mm | |
| **C0431A** | 2 | 22 | 7/30 | 0.013 | 0.33 | 0.037 | 0.94 | 0.190 | 4.83 | 27.5 |
| **C0432A** | 3 | 22 | 7/30 | 0.013 | 0.33 | 0.037 | 0.94 | 0.198 | 5.03 | 27.5 |
| **C0433A** | 2 | 20 | 7/28 | 0.013 | 0.33 | 0.037 | 0.94 | 0.206 | 5.23 | 30.5 |
| **C0434A** | 3 | 20 | 7/28 | 0.013 | 0.33 | 0.037 | 0.94 | 0.216 | 5.49 | 30.5 |
| **C0435A** | 2 | 18 | 16/30 | 0.015 | 0.38 | 0.037 | 0.94 | 0.226 | 5.74 | 31.5 |
| **C0436A** | 3 | 18 | 16/30 | 0.015 | 0.38 | 0.037 | 0.94 | 0.237 | 6.02 | 31.5 |
| **C0444A** | 4 | 18 | 16/30 | 0.015 | 0.38 | 0.037 | 0.94 | 0.257 | 6.53 | 31.5 |
| **C0437A** | 2 | 16 | 19/.0117 | 0.013 | 0.33 | 0.037 | 0.94 | 0.243 | 6.17 | 37.0 |
| **C0438A** | 3 | 16 | 19/.0117 | 0.013 | 0.33 | 0.037 | 0.94 | 0.250 | 6.35 | 37.0 |
| **C0439A** | 2 | 14 | 19/.0147 | 0.013 | 0.33 | 0.042 | 1.07 | 0.288 | 7.32 | 40.5 |
| **C0440A** | 3 | 14 | 19/.0147 | 0.013 | 0.33 | 0.042 | 1.07 | 0.290 | 7.37 | 40.5 |
| **C0441A** | 2 | 12 | 19/.0185 | 0.013 | 0.33 | 0.042 | 1.07 | 0.315 | 8.00 | 44.0 |

*Capacitance between conductors

### Color Code Chart

| NO. OF COND. | COLOR |
|---|---|
| **1** | Black |
| **2** | Red |
| **3** | White |
| **4** | Green |

### Product Construction:

#### Conductor:

- 22 thru 12 AWG fully annealed stranded tinned copper per ASTM B-33

#### Insulation:

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

#### Jacket:

- PVC, gray
- Temperature range: -20˚C to +105°C

### Applications:

- Cable tray installations
- Power limited circuits
- Intercom systems
- Business machines
- Cash registers
- Automatic valve control systems
- Irrigation systems
- Suggested voltage rating: 300 volts
- Burglar alarms

### Features:

- Sunlight-resistant PVC jacket
- UL rated for cable tray use

### Compliances:

- NEC Article 725 Power-Limited Tray Cable (UL: 105°C, 300V)
- RoHS Compliant Directive 2002/95/EC
- Meets UL 70,000 BTU Vertical Tray Flame Test

### Packaging:

- Please contact Customer Service for packaging and color options

CAROL BRAND

UL LISTED

Designed to Meet UL Vertical Tray Flame Test
Underwriters Laboratories Inc.

RoHS Compliant
Directive 2002/95/EC

General Cable