

# Power-Limited Tray Cable, Unshielded

NEC Type PLTC, NEC/CEC Type CMG UL/CSA\*\*

## Product Construction:

### Conductor:

- 22 thru 12 AWG fully annealed stranded tinned copper per ASTM B33

### Insulation:

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

### Jacket:

- PVC, gray
- Sunlight-resistant
- 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:

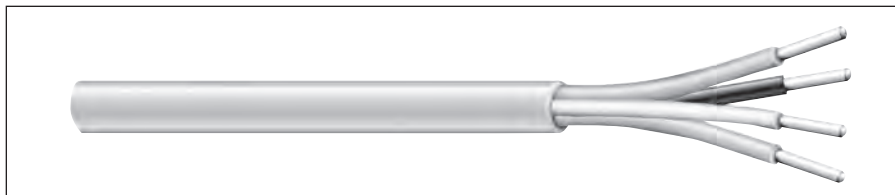
- UL rated for cable tray use

## Compliances:

- NEC Article 725 Power-Limited Tray Cable (UL: 105°C, 300 V)
- NEC/CEC Type CMG (UL/CSA: 105°C, 300 V)
- RoHS Compliant Directive 2011/65/EU
- Meets UL 70,000 BTU Vertical Tray Flame Test
- CE: Low Voltage Directive (LVD) 2006/95/EC

## 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   |                      |
| <b>C0431A</b>  | 2            | 22       | 7/30         | 0.013                     | 0.33 | 0.037                 | 0.94 | 0.185        | 4.70 | 27.5                 |
| <b>C0432A</b>  | 3            | 22       | 7/30         | 0.013                     | 0.33 | 0.037                 | 0.94 | 0.193        | 4.90 | 27.5                 |
| <b>C0433A</b>  | 2            | 20       | 7/28         | 0.013                     | 0.33 | 0.037                 | 0.94 | 0.198        | 5.03 | 30.5                 |
| <b>C0434A</b>  | 3            | 20       | 7/28         | 0.013                     | 0.33 | 0.037                 | 0.94 | 0.208        | 5.28 | 30.5                 |
| <b>C0435A</b>  | 2            | 18       | 16/30        | 0.013                     | 0.33 | 0.037                 | 0.94 | 0.216        | 5.49 | 32.5                 |
| <b>C0436A</b>  | 3            | 18       | 16/30        | 0.013                     | 0.33 | 0.037                 | 0.94 | 0.227        | 5.77 | 32.5                 |
| <b>C0444A</b>  | 4            | 18       | 16/30        | 0.013                     | 0.33 | 0.037                 | 0.94 | 0.245        | 6.22 | 32.5                 |
| <b>C0437A</b>  | 2            | 16       | 19/.0117     | 0.013                     | 0.33 | 0.037                 | 0.94 | 0.238        | 6.05 | 37.0                 |
| <b>C0438A</b>  | 3            | 16       | 19/.0117     | 0.013                     | 0.33 | 0.037                 | 0.94 | 0.250        | 6.35 | 37.0                 |
| <b>C0439A*</b> | 2            | 14       | 19/.0147     | 0.013                     | 0.33 | 0.042                 | 1.07 | 0.278        | 7.06 | 40.5                 |
| <b>C0440A*</b> | 3            | 14       | 19/.0147     | 0.013                     | 0.33 | 0.042                 | 1.07 | 0.293        | 7.44 | 40.5                 |
| <b>C0441A*</b> | 2            | 12       | 19/.0185     | 0.013                     | 0.33 | 0.042                 | 1.07 | 0.315        | 8.00 | 44.0                 |

\*NEC Type PLTC Only

\*\*CSA or c(UL)

Data subject to change.

## Color Code Chart

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