

# 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:**

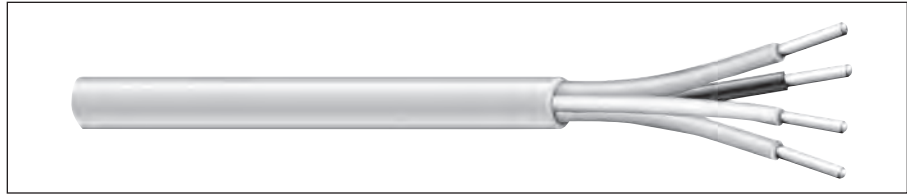
- UL rated for cable tray use

**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