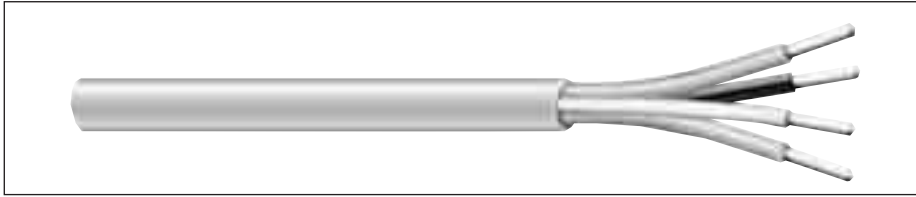


# Power-Limited Tray Cable, Unshielded

NEC Type PLTC



**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)
- Meets UL 70,000 BTU Vertical Tray Flame Test

**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
				INCHES	mm	INCHES	mm	INCHES	mm	
C0431	2	22	7/30	0.013	0.33	0.037	0.94	0.190	4.83	25.5
C0432	3	22	7/30	0.013	0.33	0.037	0.94	0.198	5.03	25.5
C0433	2	20	7/28	0.013	0.33	0.037	0.94	0.206	5.23	28.0
C0434	3	20	7/28	0.013	0.33	0.037	0.94	0.216	5.49	28.0
C0435	2	18	16/30	0.015	0.38	0.037	0.94	0.226	5.74	28.0
C0436	3	18	16/30	0.015	0.38	0.037	0.94	0.237	6.02	28.0
C0444	4	18	16/30	0.015	0.38	0.037	0.94	0.257	6.53	28.0
C0437	2	16	19/.0117	0.013	0.33	0.037	0.94	0.243	6.17	34.0
C0438	3	16	19/.0117	0.013	0.33	0.037	0.94	0.250	6.35	34.0
C0439	2	14	19/.0147	0.013	0.33	0.042	1.07	0.288	7.32	37.0
C0440	3	14	19/.0147	0.013	0.33	0.042	1.07	0.290	7.37	37.0
C0441	2	12	19/.0185	0.013	0.33	0.042	1.07	0.315	8.00	40.0

\* Capacitance between conductors

**Color Code Chart**

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



Designed to Meet  
UL Vertical Tray  
Flame Test

Underwriters Laboratories Inc.

