

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)
- 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

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

CAROL BRAND



Designed to Meet
UL Vertical Tray
Flame Test

Underwriters Laboratories Inc.



General Cable