

# Power-Limited Tray Cable, Foil Shield

UL 2464, NEC Type PLTC, CSA CMG

## Product Construction:

### Conductor:

- 22 or 18 AWG fully annealed stranded tinned copper per ASTM B-33
- Twisted pairs

### Insulation:

- Premium-grade, color-coded PVC
- Color Code: each pair black and red, numbered at one-inch intervals

### Shield:

- 100% Flexfoi® aluminum/polyester, 25% overlap, foil facing out
- Stranded tinned copper drain wire

### Jacket:

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

## Applications:

- Power limited circuits
- Intercom systems
- Business machines
- Computer interconnects
- Suitably marked for appropriate tray cable installations
- Petrochemical control systems
- Burglar alarms
- Suggested voltage rating: 300 volts

## Features:

- Superior temperature characteristics
- Robust, highly durable
- Sunlight-resistant jacket

## Compliances:

- NEC Article 725 Power-Limited Tray Cable (UL: 105°C, 300V)
- UL Style 2464 (UL: 80°C, 300V)
- CSA CMG (CSA: 60°C)
- RoHS Compliant Directive 2002/95/EC
- Designed to meet UL 70,000 BTU Vertical Tray Flame Test
- Passes CSA CMG Flame Test

## Packaging:

- Please contact Customer Service for packaging and color options



CATALOG NUMBER	NO. OF PAIRS	AWG SIZE	COND. STRAND	NOM. INSULATION THICKNESS		NOM. JACKET THICKNESS		NOMINAL O.D.		NOMINAL CAP.* pF/ft	
				INCHES	mm	INCHES	mm	INCHES	mm	A	B
C0550A	2	22	7/30	0.015	0.38	0.042	1.07	0.294	7.47	31.0	55.5
C0551A	3	22	7/30	0.015	0.38	0.042	1.07	0.309	7.85	29.0	52.0
C0552A	4	22	7/30	0.015	0.38	0.042	1.07	0.337	8.56	29.0	52.0
C0553A	6	22	7/30	0.015	0.38	0.053	1.35	0.418	10.62	27.0	48.5
C0554A	9	22	7/30	0.015	0.38	0.053	1.35	0.480	12.19	27.0	48.5
C0555A	11	22	7/30	0.015	0.38	0.053	1.35	0.520	13.21	27.0	48.5
C0556A	15	22	7/30	0.015	0.38	0.053	1.35	0.592	15.04	27.0	48.5
C0560A	2	18	16/30	0.016	0.41	0.042	1.07	0.314	7.98	40.5	72.5
C0561A	3	18	16/30	0.016	0.41	0.053	1.35	0.403	10.24	35.0	62.5
C0562A	4	18	16/30	0.016	0.41	0.053	1.35	0.440	11.18	35.0	62.5
C0563A	6	18	16/30	0.016	0.41	0.053	1.35	0.519	13.18	32.0	57.5
C0564A	9	18	16/30	0.016	0.41	0.063	1.60	0.622	15.80	32.0	57.5
C0566A	15	18	16/30	0.016	0.41	0.063	1.60	0.770	19.56	32.0	57.5

\*A – Capacitance between conductors

\*B – Capacitance between one conductor and other conductors connected to shield

## Color Code Chart

NO. OF PAIRS	COLOR
1 thru 15	Black Red

Each pair marked and numbered