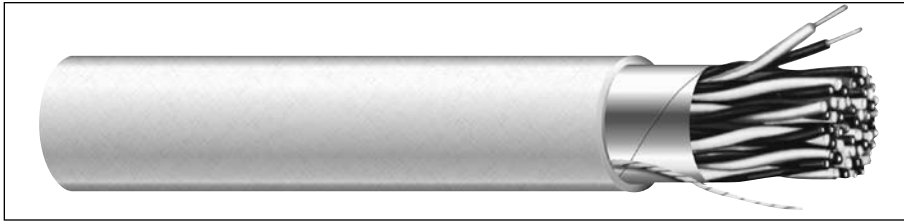


# Power-Limited Tray Cable, Foil Shield or Foil/Braid Shield

UL 2464, NEC Type PLTC/CM, CSA CMG



| CATALOG NUMBER | NO. OF PAIRS | AWG SIZE | COND. STRAND | NOM. INSULATION THICKNESS |    | NOM. JACKET THICKNESS |    | NOMINAL O.D. |    | NOMINAL CAP.* |   |
|----------------|--------------|----------|--------------|---------------------------|----|-----------------------|----|--------------|----|---------------|---|
|                |              |          |              | INCHES                    | mm | INCHES                | mm | INCHES       | mm | A             | B |

## PVC INSULATION — UL STYLE 2464, NEC TYPE PLT/CM, CSA CMG, 105°C

|        |    |    |         |       |      |       |      |       |       |      |      |
|--------|----|----|---------|-------|------|-------|------|-------|-------|------|------|
| C0550A | 2  | 22 | 7/.0096 | 0.015 | 0.38 | 0.042 | 1.07 | 0.294 | 7.47  | 32.0 | 57.0 |
| C0551A | 3  | 22 | 7/.0096 | 0.015 | 0.38 | 0.042 | 1.07 | 0.309 | 7.85  | 29.0 | 52.2 |
| C0552A | 4  | 22 | 7/.0096 | 0.015 | 0.38 | 0.042 | 1.07 | 0.337 | 8.56  | 29.0 | 52.2 |
| C0553A | 6  | 22 | 7/.0096 | 0.015 | 0.38 | 0.042 | 1.35 | 0.418 | 10.62 | 26.5 | 47.7 |
| C0554A | 9  | 22 | 7/.0096 | 0.015 | 0.38 | 0.042 | 1.35 | 0.480 | 12.19 | 26.5 | 47.7 |
| 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  | 40.0 | 72.0 |
| C0561A | 3  | 18 | 16/30   | 0.016 | 0.41 | 0.042 | 1.35 | 0.403 | 10.24 | 33.5 | 60.3 |
| C0562A | 4  | 18 | 16/30   | 0.016 | 0.41 | 0.042 | 1.35 | 0.440 | 11.18 | 33.5 | 60.3 |
| C0563A | 6  | 18 | 16/30   | 0.016 | 0.41 | 0.042 | 1.35 | 0.519 | 13.18 | 30.5 | 54.9 |
| C0564A | 9  | 18 | 16/30   | 0.016 | 0.41 | 0.042 | 1.60 | 0.622 | 15.80 | 30.5 | 54.9 |
| C0566A | 15 | 18 | 16/30   | 0.016 | 0.41 | 0.042 | 1.60 | 0.622 | 15.80 | 30.5 | 54.9 |

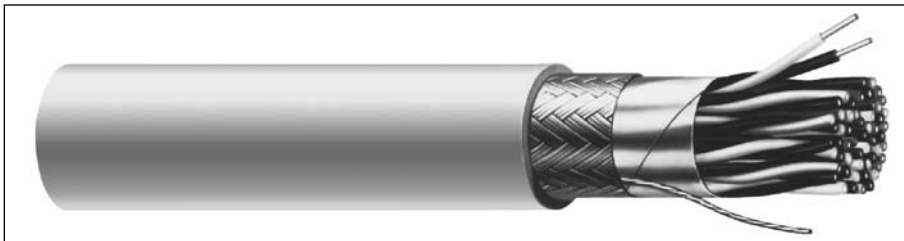
\*A – Capacitance between conductors

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

## Color Code Chart

| NO. OF PAIRS | COLOR     |
|--------------|-----------|
| 1 thru 9     | Black/Red |

Each pair marked and numbered



## LO-CAP® DATACOM COLOR CODE WITH 65% TINNED COPPER BRAID

| CATALOG NUMBER | NO. OF PAIRS | AWG SIZE | COND. STRAND | NOM. INSULATION THICKNESS |    | NOM. JACKET THICKNESS |    | NOMINAL O.D. |    | NOMINAL CAP.* |   |
|----------------|--------------|----------|--------------|---------------------------|----|-----------------------|----|--------------|----|---------------|---|
|                |              |          |              | INCHES                    | mm | INCHES                | mm | INCHES       | mm | A             | B |

## FOAMED POLYETHYLENE INSULATION — NEC TYPE PLTC/CM, CEC CM c(UL), 60°C

|        |   |    |         |       |      |       |      |       |      |      |      |
|--------|---|----|---------|-------|------|-------|------|-------|------|------|------|
| C7112A | 1 | 22 | 7/.0096 | 0.024 | 0.61 | 0.037 | 0.94 | 0.261 | 6.63 | 11.5 | 20.5 |
| C7114A | 2 | 22 | 7/.0096 | 0.017 | 0.43 | 0.042 | 1.07 | 0.343 | 8.71 | 11.0 | 19.6 |
| C7116A | 3 | 22 | 7/.0096 | 0.015 | 0.38 | 0.042 | 1.07 | 0.344 | 8.74 | 11.0 | 19.6 |

\*A – Capacitance between conductors

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

## Color Code Chart

| NO. OF PAIRS | COLOR                                       |
|--------------|---------------------------------------------|
| 1            | White/Blue Stripe and Blue/White Stripe     |
| 2            | White/Orange Stripe and Orange/White Stripe |
| 3            | White/Green Stripe and Green/White Stripe   |

## Product Construction:

### Conductor:

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

### Insulation:

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

### Shield:

- 100% Flexfoil® aluminum/polyester, 25% overlap, foil facing out
- Stranded tinned copper drain wire
- 65% tinned copper braid (C7101A, C7103A and C7107A only)

### Jacket:

- PVC, gray or black
- Temperature range: -20°C to +60°C or +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 or 60°C, 300V)
- NEC Article 800 Communications Cable (UL: 105°C or 60°C, 300V)
- †UL Style 2464 (UL: 80°C, 300V)
- CSA CMG (CSA: 60°C) or CM c(UL)
- 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

† UL Style 2464 only available on PVC insulation constructions

**CAROL BRAND**

**UL** LISTED

**CSA** CMG Certified Canadian Standard Association

**UL**

Designed to Meet  
UL Vertical Tray  
Flame Test  
Underwriters Laboratories Inc.

RoHS Compliant  
Directive 2002/95/EC

**General Cable**