

Power-Limited Tray Cable, Foil Shield

UL 2464, NEC Type PLTC, NEC/CEC Type CM, CMG UL/CSA†

Product Construction:

Conductor:

- 22 or 18 AWG fully annealed stranded tinned copper per ASTM B33
- Twisted pairs

Insulation:

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

Shield:

- 100% Flexfoi® aluminum/polyester, 25% overlap, foil facing out
- Stranded tinned copper drain wire
- 65% tinned copper braid (C7112A, C7114A and C7116A only)

Jacket:

- PVC, gray or black
- Sunlight-resistant
- 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

Compliances:

- NEC Article 725 Power-Limited Tray Cable (UL: 105°C or 60°C, 300 V)
- NEC Article 800 Communications Cable (UL: 105°C or 60°C, 300 V)
- †UL Style 2464 (UL: 80°C, 300 V)
- UL PTLC Listing
- CSA CMG (CSA: 60°C) or CM c(UL)
- RoHS Compliant Directive 2011/65/EU
- 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



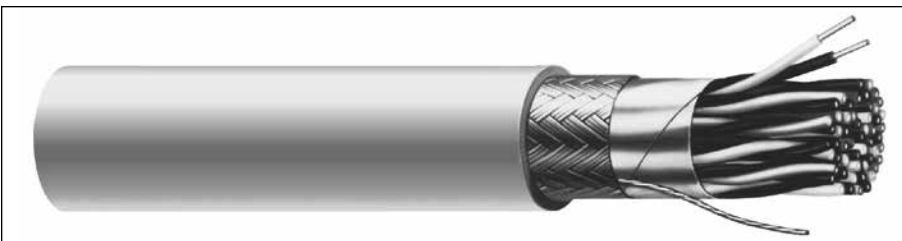
| CATALOG NUMBER | NO. OF PAIRS | AWG SIZE | COND. STRAND | NOM. INSULATION THICKNESS | | NOM. JACKET THICKNESS | | NOMINAL O.D. | | NOMINAL CAP.* pF/ft | |
|---|--------------|----------|--------------|---------------------------|------|-----------------------|------|--------------|-------|---------------------|------|
| | | | | INCHES | mm | INCHES | mm | INCHES | mm | A | B |
| PVC INSULATION – UL STYLE 2464, NEC TYPE PLTC/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 | 1.07 | 0.403 | 10.24 | 33.5 | 60.3 |
| C0562A | 4 | 18 | 16/30 | 0.016 | 0.41 | 0.042 | 1.07 | 0.440 | 11.18 | 33.5 | 60.3 |
| C0563A | 6 | 18 | 16/30 | 0.016 | 0.41 | 0.053 | 1.35 | 0.519 | 13.18 | 30.5 | 54.9 |
| C0564A | 9 | 18 | 16/30 | 0.016 | 0.41 | 0.063 | 1.60 | 0.643 | 16.33 | 30.5 | 54.9 |
| C0566A | 15 | 18 | 16/30 | 0.016 | 0.41 | 0.063 | 1.60 | 0.720 | 18.29 | 30.5 | 54.9 |

*A – Capacitance between conductors
 *B – Capacitance between one conductor and other conductors connected to shield
 †CSA or c(UL)
 Data subject to change.

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.* pF/ft | |
|--|--------------|----------|--------------|---------------------------|------|-----------------------|------|--------------|------|---------------------|------|
| | | | | 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
 Data subject to change.

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 |



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