

# Multi-Paired, Foil Shield, Lo-Cap®

UL 2448, NEC Type CM (UL) c(UL), CMH

## Product Construction:

### Conductor:

- 24 AWG fully annealed stranded tinned copper per ASTM B33
- Twisted pairs

### Insulation:

- Premium-grade, color-coded polyethylene
- Color code: See chart below

### Shield:

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

### Jacket:

- PVC, gray
- Temperature range: -20°C to +75°C

## Applications:

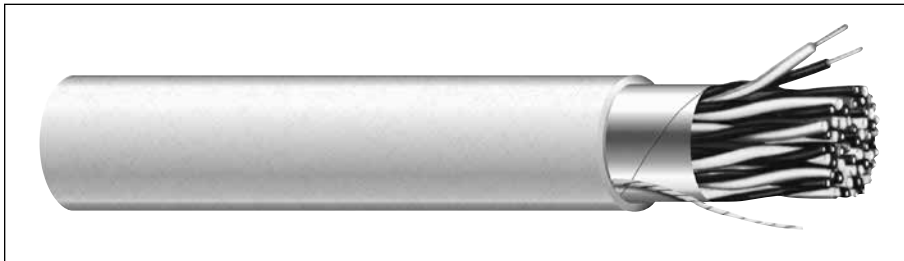
- Computers
- Industrial equipment
- Data transmission
- Control circuits
- Suitable for low capacitance applications
- Suggested voltage rating: 30 volts

## Compliances:

- NEC Article 800 Type CM (UL: 75°C)
- UL Style 2448 (UL: 60°C, 30 V)
- CSA CMH (CSA: 60°C)
- RoHS Compliant Directive 2011/65/EU
- Designed to meet UL 70,000 BTU Vertical Tray Flame Test
- Passes CSA CMH Flame Test
- CE: Low Voltage Directive (LVD) 2006/95/EC

## 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 DCR Ω/kft |       | VEL. OF PROP. % | NOM. IMP., Ω | NOMINAL CAP.* pF/ft |      |
|----------------|--------------|----------|--------------|---------------------------|------|-----------------------|------|--------------|-------|-------------------|-------|-----------------|--------------|---------------------|------|
|                |              |          |              | INCHES                    | mm   | INCHES                | mm   | INCHES       | mm    | COND.             | SHLD. |                 |              | A                   | B    |
| <b>C0890A</b>  | 2            | 24       | 7/32         | 0.015                     | 0.38 | 0.032                 | 0.81 | 0.247        | 6.27  | 25.7              | 7.20  | 66              | 100          | 14.4                | 26.0 |
| <b>C0901A</b>  | 3            | 24       | 7/32         | 0.015                     | 0.38 | 0.032                 | 0.81 | 0.261        | 6.63  | 25.7              | 7.20  | 66              | 100          | 13.9                | 25.1 |
| <b>C0893A</b>  | 4            | 24       | 7/32         | 0.015                     | 0.38 | 0.032                 | 0.81 | 0.277        | 7.04  | 25.7              | 7.20  | 66              | 100          | 13.9                | 25.1 |
| <b>C0894A</b>  | 5            | 24       | 7/32         | 0.015                     | 0.38 | 0.032                 | 0.81 | 0.310        | 7.87  | 25.7              | 7.20  | 66              | 100          | 13.9                | 25.1 |
| <b>C0899A</b>  | 6            | 24       | 7/32         | 0.015                     | 0.38 | 0.032                 | 0.81 | 0.336        | 8.53  | 25.7              | 7.20  | 66              | 100          | 13.0                | 23.4 |
| <b>C0896A</b>  | 9            | 24       | 7/32         | 0.015                     | 0.38 | 0.032                 | 0.81 | 0.391        | 9.93  | 25.7              | 7.20  | 66              | 100          | 13.0                | 23.4 |
| <b>C0897A</b>  | 12.5         | 24       | 7/32         | 0.015                     | 0.38 | 0.032                 | 0.97 | 0.459        | 11.66 | 25.7              | 7.20  | 66              | 100          | 13.0                | 23.4 |

\*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                     | NO. OF PAIRS | COLOR                                 |
|--------------|---------------------------|--------------|---------------------------------------|
| <b>1</b>     | Black paired with White   | <b>7</b>     | White/Blue paired with Blue/White     |
| <b>2</b>     | Red paired with Green     | <b>8</b>     | White/Brown paired with Brown/White   |
| <b>3</b>     | Brown paired with Blue    | <b>9</b>     | White/Orange paired with Orange/White |
| <b>4</b>     | Orange paired with Yellow | <b>10</b>    | White/Green paired with Green/White   |
| <b>5</b>     | Purple paired with Gray   | <b>11</b>    | White/Red paired with Red/White       |
| <b>6</b>     | Tan paired with Pink      | <b>12</b>    | White/Black paired with Black/White   |

Single Conductor: Green With Yellow Stripe