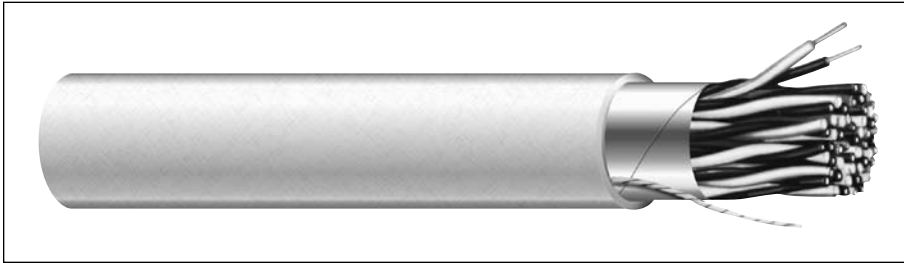


Multi-Paired, Foil Shield, Lo-Cap®

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



Product Construction:

Conductor:

- 24 AWG fully annealed stranded tinned copper per ASTM B-33
- 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, 30V)
- CSA CMH (CSA: 60°C)
- RoHS Compliant Directive 2002/95/EC
- Designed to meet UL 70,000 BTU Vertical Tray Flame Test
- Passes CSA CMH 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 DCR Ω/kft | | VEL. OF PROP., % | NOM. IMP., Ω | NOMINAL CAP.* pF/ft | |
|----------------|--------------|----------|--------------|---------------------------|------|-----------------------|------|--------------|-------|-------------------|-------|------------------|--------------|---------------------|------|
| | | | | INCHES | mm | INCHES | mm | INCHES | mm | COND. | SHLD. | | | A | B |
| C0890A | 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 |
| C0901A | 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 |
| C0893A | 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 |
| C0894A | 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 |
| C0899A | 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 |
| C0896A | 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 |
| C0897A | 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

Color Code Chart

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

Single Conductor: Green With Yellow Stripe



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

