

# 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	
				in	mm	in	mm	in	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  
Data subject to change.

### 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	Purple 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