

# Multi-Paired, Individually Foil Shielded, Lo-Cap®

UL 2493, 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 foamed Lo-Cap® polypropylene
- Color code: See chart below

### Shield:

- Individually shielded pairs
- 100% Flexfoi® aluminum/polyester with 25% overlap, minimum, foil facing in
- Stranded tinned copper drain wire each pair

### Jacket:

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

## Applications:

- High-speed computers
- Industrial equipment
- Control circuits
- Suitable for low capacitance applications
- Suitable for EIA RS-422 CAD/CAM applications
- Suggested voltage rating: 300 volts

## Features:

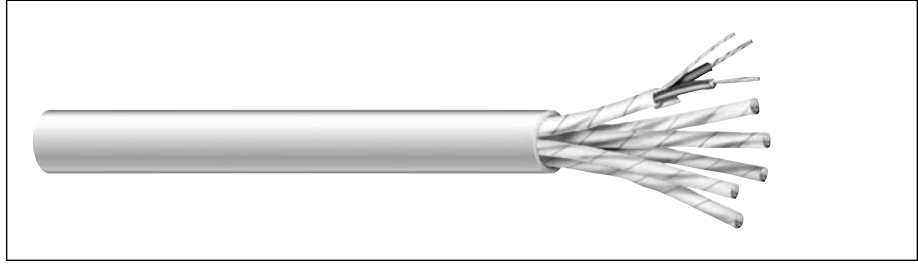
- Individually shielded pairs for excellent signal isolation
- Excellent high-frequency properties
- Mechanical durability

## Compliances:

- NEC Article 800 Type CM/CMH (UL: 75°C, 300V)
- UL Style 2493 (UL: 60°C)
- RoHS Compliant Directive 2002/95/EC
- Designed to meet UL 70,000 BTU Vertical Tray 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
C0910A	2	24	7/32	0.022	0.56	0.047	1.19	0.283	7.19	26.0	18.0	78	100	14.8	26.7
C0911A	3	24	7/32	0.022	0.56	0.048	1.22	0.381	9.68	26.0	18.0	78	100	14.8	26.7
C0912A	4	24	7/32	0.022	0.56	0.048	1.22	0.416	10.57	26.0	18.0	78	100	14.8	26.7
C0913A	6	24	7/32	0.022	0.56	0.048	1.22	0.492	12.50	26.0	18.0	78	100	14.8	26.7
C0914A	9	24	7/32	0.022	0.56	0.063	1.60	0.601	15.27	26.0	18.0	78	100	14.8	26.7
C0915A	11	24	7/32	0.022	0.56	0.063	1.60	0.652	16.56	26.0	18.0	78	100	14.8	26.7
C0916A	12	24	7/32	0.022	0.56	0.063	1.60	0.672	17.08	26.0	18.0	78	100	14.8	26.7
C0917A	15	24	7/32	0.022	0.56	0.063	1.60	0.743	18.87	26.0	18.0	78	100	14.8	26.7

\*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 Red	9	Red paired with Green
2	Black paired with White	10	Red paired with Blue
3	Black paired with Green	11	Red paired with Yellow
4	Black paired with Blue	12	Red paired with Brown
5	Black paired with Yellow	13	Red paired with Orange
6	Black paired with Brown	14	Green paired with White
7	Black paired with Orange	15	Green paired with Blue
8	Red paired with White		