

# Multi-Paired, Foil Shield, Lo-Cap®

## NEC Type CMP (UL) c(UL)

**Product Construction:**

**Conductor:**

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

**Insulation:**

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

**Shield:**

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

**Jacket:**

- Fluoropolymer, natural
- Abrasion-, chemical- and water-resistant
- Temperature range: -40°C to +150°C
- Sequential footage marked to facilitate installation
- Includes ripcord

**Applications:**

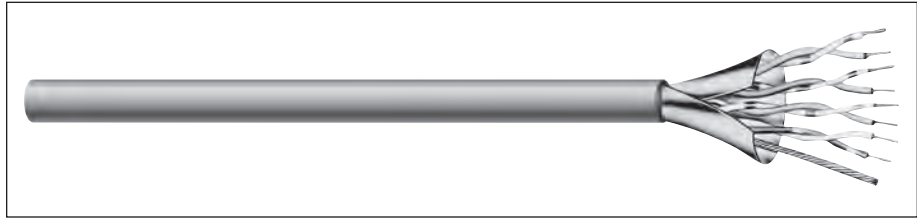
- EIA RS-232 and RS-422 circuits
- Remote control circuits
- Process control and instrumentation
- Low capacitance requirements
- Suggested voltage rating: 300 volts

**Compliances:**

- NEC Article 800 (UL: 150°C, 300 V)
- Designed to meet NFPA 262 and CSA FT6 Steiner Tunnel Fire Tests for Plenum Applications

**Packaging:**

- Please contact Customer Service for packaging and color options



CATALOG NUMBER	NO. OF PAIRS	AWG SIZE	COND. STRAND	NOM. JACKET THICKNESS		NOMINAL O.D.		NOM. CAP.* pF/ft		IMPED. Ω NOM
				in	mm	in	mm	A	B	
C3028	2	24	7/32	0.010	0.25	0.159	4.04	15.0	27.00	94.0
C3029	3	24	7/32	0.010	0.25	0.183	4.65	14.0	25.00	107.0
C3030	4	24	7/32	0.010	0.25	0.246	6.25	14.0	25.00	107.0
C3031	6	24	7/32	0.012	0.30	0.285	7.24	13.0	23.00	115.0

\*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	Black paired with Yellow
2	Red paired with Purple
3	Dark Blue paired with Brown
4	Orange paired with Dark Green
5	Pink paired with Gray
6	Tan paired with White