

# Multi-Paired, Foil Shield

NEC Type CMP (UL) c(UL)

**Product Construction:**

**Conductor:**

- 22 and 18 AWG fully annealed stranded tinned copper per ASTM B-33

**Insulation:**

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

**Separator:**

- Polyester tape with 25% overlap

**Shield:**

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

**Jacket:**

- FEP, red or as requested
- PVDF, red or as requested

**C8101, C8109**

- Temperature range: -40°C to +200°C

**C8104, C8103**

- Temperature range: -40°C to +150°C

**Applications:**

- Computer systems
- Remote control circuits
- Process control and instrumentation
- Suggested voltage rating: 300 volts

**Compliances:**

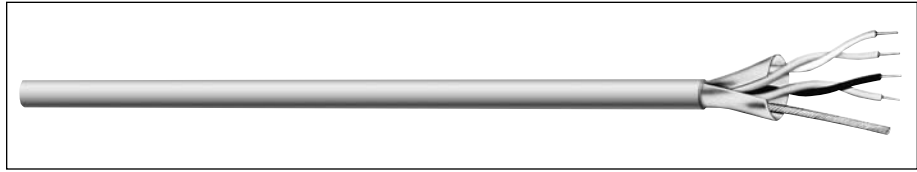
- NEC Article 800
- Designed to meet NFPA 262 and CSA FT-6 Steiner Tunnel Fire Tests for Plenum Applications

**Features:**

- Fire-retardant, low-smoke jacket

**Packaging:**

- Please contact Customer Service for packaging and color options
- 1000' (305m) reels



CATALOG NUMBER	NO. OF PAIRS	AWG SIZE	COND. STRAND	NOM. INSULATION THICKNESS		NOM. JACKET THICKNESS		NOMINAL O.D.		NOM. CAP.* pF/ft	
				INCHES	mm	INCHES	mm	INCHES	mm	A	B
<b>C8101**</b>	1	18	19/30	0.007	0.18	0.016	0.41	0.165	4.19	51.0	95.0
<b>C8104</b>	1	18	19/30	0.007	0.18	0.016	0.41	0.165	4.19	51.0	95.0
<b>C8103</b>	1	22	7/30	0.006	0.15	0.014	0.36	0.120	3.05	35.0	65.0
<b>C8109**</b>	1	22	7/30	0.006	0.15	0.016	0.41	0.122	3.10	35.0	65.0

\*A – Capacitance between conductors

\*B – Capacitance between one conductor and other conductors connected to shield

\*\* FEP jacket

**Color Code Chart**

NO. OF PAIRS	COLOR
1	Black and Red