

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:

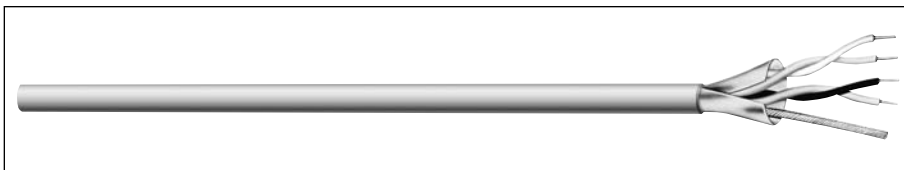
- NEC Article 800
- Designed to meet NFPA 262 and CSA FT-6 Steiner Tunnel Fire Tests for Plenum Applications

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
C8101**	1	18	19/30	0.007	0.18	0.016	0.41	0.165	4.19	51.0	95.0
C8104	1	18	19/30	0.007	0.18	0.016	0.41	0.165	4.19	51.0	95.0
C8103	1	22	7/30	0.006	0.15	0.014	0.36	0.120	3.05	35.0	65.0
C8109**	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