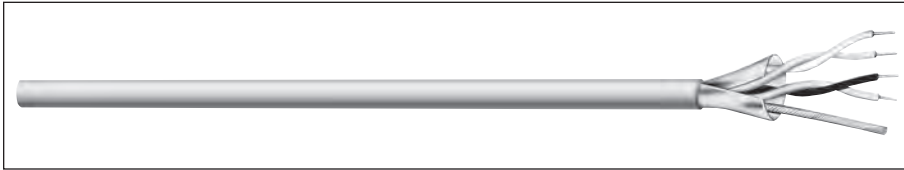


# Multi-Paired, Foil Shield

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



CATALOG NUMBER	NO. OF PAIRS	AWG SIZE	COND. STRAND	NOM. INSULATION THICKNESS		NOM. JACKET THICKNESS		NOMINAL O.D.		NOM. CAP.* pF/ft	
				in	mm	in	mm	in	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

Data subject to change.

### Color Code Chart

NO. OF PAIRS	COLOR
1	Black and Red

### Product Construction:

#### Conductor:

- 22 and 18 AWG fully annealed stranded tinned copper per ASTM B33
- Twisted pairs

#### 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:

##### C8101, C8109

- FEP, red
- Temperature range: -100°C to +200°C

##### C8104, C8103

- PVDF, red
- 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 FT6 Steiner Tunnel Fire Tests for Plenum Applications

### Packaging:

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



Designed to Meet  
NFPA 262 and CSA FT6  
Steiner Tunnel Fire Tests  
for Plenum Applications

Underwriters Laboratories Inc.

