

# Multi-Conductor, Foil & TC Braid Shield

NEC Type CMP (UL) c(UL)

## Product Construction:

### Conductor:

- 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
- Tinned copper braid, 90% coverage

### Jacket:

- FEP, red or as requested
- Temperature range: -40°C to +200°C

## Applications:

- Computer systems
- Remote control circuits
- Process control and instrumentation
- Audio controls
- 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



CATALOG NUMBER	NO. OF COND.	AWG SIZE	COND. STRAND	NOM. INSULATION THICKNESS		NOM. JACKET THICKNESS		NOMINAL O.D.		NOM. CAP.*	
				INCHES	mm	INCHES	mm	INCHES	mm	A	B

### 16 AWG CONDUCTORS

<b>C8108</b>	6	16	19/29	0.007	0.18	0.014	0.36	0.270	6.86	33.0	61.0
<b>C8119</b>	3	16	19/29	0.007	0.18	0.014	0.36	0.209	5.31	35.0	63.0
<b>C8111</b>	2	16	19/29	0.007	0.18	0.014	0.36	0.198	5.03	35.0	63.0

### 18 AWG CONDUCTORS

<b>C8120</b>	6	18	19/30	0.007	0.18	0.014	0.36	0.242	6.15	33.0	61.0
<b>C8110</b>	4	18	19/30	0.007	0.18	0.014	0.36	0.206	5.23	35.0	63.0
<b>C8107</b>	3	18	19/30	0.007	0.18	0.014	0.36	0.190	4.83	35.0	63.0

### 24 AWG CONDUCTORS

<b>C8115</b>	3	24	7/32	0.006	0.15	0.014	0.36	0.133	3.38	25.0	45.0
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\*A – Capacitance between conductors

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

## Color Code Chart

NO. OF COND.	COLOR
1	Black
2	White
3	Red
4	Green
5	Orange
6	Blue