

# Multi-Paired, Individually Foil Shielded

NEC Type CMP (UL) c(UL)

**Product Construction:**

**Conductor:**

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

**Insulation:**

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

**Shield:**

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

**Jacket:**

- Fluoropolymer, red
- Temperature range: -20°C to +150°C
- Sequential footage marked to facilitate installation
- Includes ripcord

**Applications:**

- Point of sale systems
- Remote control circuits
- Process control and instrumentation
- Power-limited control circuits
- Suggested voltage rating: 300 volts

**Compliances:**

- NEC Article 800 (UL: 150°C, 300V)
- Designed to meet NFPA 262 and CSA FT-6 Steiner Tunnel Fire Tests for Plenum Applications

**Features:**

- Individually shielded pairs for excellent signal isolation
- Abrasion-, chemical- and water-resistant jacket

**Packaging:**

- Please contact Customer Service for packaging and color options



CATALOG NUMBER	NO. OF PAIRS	AWG SIZE	COND. STRAND	NOM. INSULATION THICKNESS		NOM. JACKET THICKNESS		NOMINAL O.D.		NOM. CAP.**	
				INCHES	mm	INCHES	mm	INCHES	mm	A	B
<b>C3156*</b>	2	22	7/30	0.006	0.15	0.010	0.25	0.147	3.73	35.0	63.0
<b>C3157†</b>	3	22	7/30	0.006	0.15	0.010	0.25	0.184	4.67	35.0	63.0

\* Cabled on common axis to reduce diameter, foil out, common drain wire

\*\* A – Capacitance between conductors

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

† 3 individually shielded pairs with separate drain wires

**Color Code Chart**

C3156 NO. OF PAIRS	COLOR
1	Black paired with Red
2	White paired with Green

C3157 NO. OF PAIRS	COLOR
1	Black paired with Red
2	Black paired with White
3	Black paired with Green