

# Multi-Conductor, Unshielded

NEC Type CMP (UL) c(UL)

**Product Construction:**

**Conductor:**

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

**Insulation:**

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

**Jacket:**

- Flexguard® PVC, natural or as requested
- Temperature range: -20°C to +75°C

**Applications:**

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

**Compliances:**

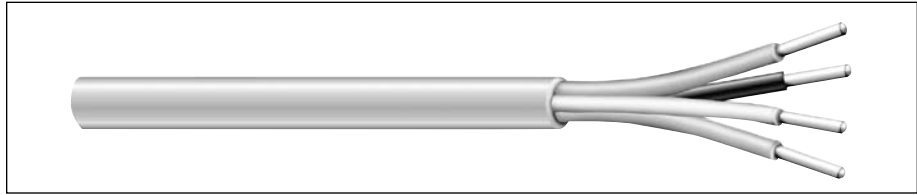
- NEC Article 800 (UL: 75°C, 300V)
- Designed to meet NFPA 262 and CSA FT-6 Steiner Tunnel Fire Tests for Plenum Applications

**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. C-C CAP:* pF/ft |
|----------------|--------------|----------|--------------|---------------------------|------|-----------------------|------|--------------|------|----------------------|
|                |              |          |              | INCHES                    | mm   | INCHES                | mm   | INCHES       | mm   |                      |
| <b>C8102</b>   | 4            | 18       | 19/30 TC     | 0.007                     | 0.18 | 0.014                 | 0.36 | 0.178        | 4.52 | 21.5                 |

\*Capacitance between conductors

**Color Code Chart**

| NO. OF COND. | COLOR |
|--------------|-------|
| <b>1</b>     | Black |
| <b>2</b>     | White |
| <b>3</b>     | Red   |
| <b>4</b>     | Green |