# **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:**

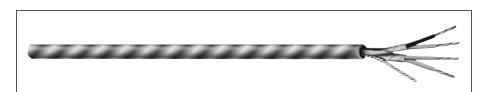
- NEC Article 800 (UL: 150°C, 300V)
- Designed to meet NFPA 262 and CSA FT-6 Steiner Tunnel Fire Tests for Plenum Applications

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

<sup>\*</sup>Cabled on common axis to reduce diameter, foil out, common drain wire

# Color Code Chart

| C3156<br>NO. OF PAIRS | COLOR                   |
|-----------------------|-------------------------|
| 1                     | Black paired with Red   |
| 2                     | White paired with Green |

| C3157<br>No. of Pairs | COLOR                   |
|-----------------------|-------------------------|
| 1                     | Black paired with Red   |
| 2                     | Black paired with White |
| 3                     | Black paired with Green |









<sup>\*\*</sup> A - Capacitance between conductors

 $<sup>^{\</sup>star\star} B$  – Capacitance between one conductor and other conductors connected to shield

<sup>†3</sup> individually shielded pairs with separate drain wires