

**Multi-Conductor Unshielded**  
**NEC Type CL2 and CM, CSA PCC**

| CATALOG NUMBER | NO. OF COND. | AWG SIZE   | COND STRAND | SIZE OF DRAIN WIRE | NOM. INSUL. THICKNESS |               | NOM. JACKET THICKNESS |      |                           | NOMINAL O. D. |       | NOMINAL CAP. pF/ft |     |
|----------------|--------------|------------|-------------|--------------------|-----------------------|---------------|-----------------------|------|---------------------------|---------------|-------|--------------------|-----|
|                |              |            |             |                    | Inches                | mm            | Inches                | mm   | SUGGESTED WORKING VOLTAGE | Inches        | mm    | A                  | B   |
| C2513 (1)      | 2            | 24         | 7/32        | 24                 | 0.016                 | 0.41          | 0.026                 | 0.66 | 300V                      | 0.167         | 4.24  | 23                 | 42  |
| C2514 (1)      | 2            | 22         | 7/30        | 22                 | 0.016                 | 0.41          | 0.026                 | 0.66 | 300V                      | 0.179         | 4.55  | 26                 | 47  |
| C2526 (2)      | 3            | 22         | 7/30        | 22                 | 0.016                 | 0.41          | 0.03                  | 0.76 | 300V                      | 0.196         | 4.98  | 25                 | 45  |
| C2523 (3)      | 4            | 22         | 7/30        | 22                 | 0.016                 | 0.41          | 0.03                  | 0.76 | 300V                      | 0.213         | 5.41  | 23                 | 42  |
| C2540 (6,7)    | 2            | 20         | 7/28        | 22                 | 0.012                 | 0.41          | 0.025                 | 0.64 | 300V                      | 0.18          | 4.57  | 59                 | 110 |
| C2528 (2)      | 3            | 20         | 7/28        | 20                 | 0.016                 | 0.41          | 0.03                  | 0.76 | 300V                      | 0.21          | 5.34  | 27                 | 51  |
| C2524 (1)      | 2            | 20         | 7/28        | 20                 | 0.016                 | 0.41          | 0.03                  | 0.76 | 300V                      | 0.203         | 5.16  | 31                 | 56  |
| C2525 (2)      | 3            | 20         | 7/28        | 20                 | 0.016                 | 0.41          | 0.03                  | 0.76 | 300V                      | 0.213         | 5.41  | 29                 | 52  |
| C2555 (3)      | 4            | 20         | 7/28        | 22                 | 0.016                 | 0.41          | 0.03                  | 0.76 | 300V                      | 0.234         | 5.94  | 26                 | 47  |
| C2534 (1)      | 2            | 18         | 16/30       | 20                 | 0.018                 | 0.46          | 0.03                  | 0.76 | 300V                      | 0.229         | 5.82  | 24                 | 43  |
| C2535 (2)      | 3            | 18         | 16/30       | 20                 | 0.018                 | 0.46          | 0.03                  | 0.76 | 300V                      | 0.247         | 6.27  | 22                 | 40  |
| C2536 (4)*     | 2            | 16         | 19/0.117    | 18                 | 0.032                 | 0.81          | 0.032                 | 0.81 | 600V                      | 0.314         | 7.98  | 27                 | 49  |
| C2537 (5)*     | 3            | 16         | 19/0.117    | 18                 | 0.032                 | 0.81          | 0.032                 | 0.81 | 600V                      | 0.332         | 8.44  | 26                 | 46  |
| C2538 (4)*     | 2            | 14         | 19/0.147    | 16                 | 0.032                 | 0.81          | 0.032                 | 0.81 | 600V                      | 0.341         | 8.69  | 31                 | 56  |
| C2539 (4)*     | 2            | 12         | 19/0.185    | 14                 | 0.032                 | 0.81          | 0.040                 | 1.02 | 600V                      | 0.376         | 10.41 | 35                 | 63  |
| 1: UL-2092     | 2: UL-2093   | 3: UL-2094 | 4: UL-2106  | 5: UL-2107         | 6: UL-2464            | 7: Red, Black |                       |      |                           |               |       |                    |     |

**A** - Capacitance between conductors.

**B** - Capacitance between one conductor and other conductors connected to shield.

**Conductor color: 1 - black, 2 - natural, 3 - red, 4 - green.**



**60°C UL 2835 30 V NEC Type CM, CSA PCC**

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|----------------|--------------|----------|-------------|--------------------|-----------------------|------|-----------------------|------|---------------|------|--------------------|----|
|                |              |          |             |                    | Inches                | mm   | Inches                | mm   | Inches        | mm   | A                  | B  |
| C2515          | 2            | 22       | Solid       | 22                 | 0.007                 | 0.18 | 0.02                  | 0.51 | 0.124         | 3.15 | 40                 | 76 |
| C2516          | 2            | 22       | 7/30        | 22                 | 0.008                 | 0.2  | 0.02                  | 0.51 | 0.137         | 3.48 | 34                 | 67 |
| C2517          | 3            | 22       | 7/30        | 22                 | 0.008                 | 0.2  | 0.02                  | 0.51 | 0.144         | 366  | 32                 | 60 |

**A** - Capacitance between conductors.

**B** - Capacitance between one conductor and other conductors connected to shield.

**Conductor color: 1 - black, 2 - red, 3 - natural.**

These cable products can be cut to length, jacket removed, and conductors stripped to custom specifications

### **Product Construction:**

#### **Conductor:**

- 24 thru 12 AWG fully annealed solid solid bare copper per ASTM B-33

#### **Insulation:**

- Premium grade color coded polyethylene (C2515-C2517)

#### **Shield:**

- 100% Flexfoil<sup>®</sup> aluminum/polyester  
25% overlap, foil facing out
- Stranded tinned copper drain wire

#### **Jacket:**

- PVC, gray
- Temperature Range: -20°C to + 75°C
- Voltage Rating: 300 or 600 Volts

#### **Applications:**

- Recording studios and sound stages
- Broadcast and sound systems
- Computers
- Industrial equipment control

#### **Features:**

- Excellent electrical properties
- Superior shielding effectiveness
- 25% shield overlap provides excellent shielding efficiency
- Good flexibility

#### **Compliances:**

- UL2092, UL2093, UL2094 (UL· 60°C, 300V)
- UL2106, UL2107 (UL· 60°C, 600V)
- UL2464 (UL· 80°C, 300V)
- UL2835 (UL· 60°C, 30V)
- NEC Article 725 Type CL2 (UL· 75°C)
- NEC Article 800 Type CM (UL· 75°C)
- CSA PCC (CSA: 60°C)
- OSHA acceptable
- Passes UL 70,000 BTU Vertical Flame Test
- Passes CSA FT1 Flame Test