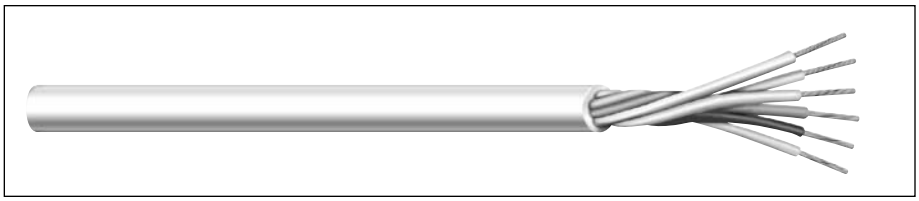
# Multi-Conductor, Unshielded

## UL 2464, UL 2587, NEC Type CL3 and CM (UL) c(UL), CSA CMG



| 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 | |
| **NEC TYPE CM, UL STYLE 2464 (80°C, 300 VOLTS)** | | | | | | | | | | |
| **C2405A** | 2 | 16 | 19/.0117 | 0.021 | 0.53 | 0.032 | 0.81 | 0.260 | 6.81 | 30.5 |
| **C2406A** | 3 | 16 | 19/.0117 | 0.021 | 0.53 | 0.032 | 0.81 | 0.283 | 7.19 | 30.5 |
| **C2425A** | 4 | 16 | 19/.0117 | 0.021 | 0.53 | 0.032 | 0.81 | 0.306 | 7.77 | 30.5 |
| **C2434A** | 5 | 16 | 19/.0117 | 0.021 | 0.53 | 0.032 | 0.81 | 0.334 | 8.48 | 30.5 |
| **C2426A** | 7 | 16 | 19/.0117 | 0.021 | 0.53 | 0.032 | 0.81 | 0.363 | 9.25 | 30.5 |
| **C2443A** | 8 | 16 | 19/.0117 | 0.021 | 0.53 | 0.032 | 0.81 | 0.393 | 10.03 | 30.5 |
| **C2435A** | 9 | 16 | 19/.0117 | 0.021 | 0.53 | 0.032 | 0.81 | 0.423 | 10.80 | 30.5 |
| **C2427A** | 12 | 16 | 19/.0117 | 0.021 | 0.53 | 0.032 | 0.81 | 0.476 | 12.17 | 30.5 |
| **C2428A** | 15 | 16 | 19/.0117 | 0.021 | 0.53 | 0.032 | 0.81 | 0.530 | 13.46 | 30.5 |
| **C2429A** | 19 | 16 | 19/.0117 | 0.021 | 0.53 | 0.032 | 0.81 | 0.559 | 14.33 | 30.5 |
| **C2436A** | 25 | 16 | 19/.0117 | 0.021 | 0.53 | 0.032 | 0.81 | 0.657 | 16.69 | 30.5 |
| **NEC TYPE CL3, UL STYLE 2587 (90°C, 600 VOLTS)** | | | | | | | | | | |
| **C2409A†** | 2 | 14 | 19/.0147 | 0.030 | 0.81 | 0.032 | 0.81 | 0.326 | 8.51 | 29.0 |
| **C2430A** | 4 | 14 | 19/.0147 | 0.032 | 0.81 | 0.032 | 0.81 | 0.391 | 9.93 | 28.2 |
| **C2437A** | 5 | 14 | 19/.0147 | 0.032 | 0.81 | 0.032 | 0.81 | 0.428 | 10.87 | 28.2 |
| **C2431A** | 7 | 14 | 19/.0147 | 0.032 | 0.81 | 0.032 | 0.81 | 0.469 | 11.91 | 28.2 |
| **C2410A** | 2 | 12 | 19/0.0185 | 0.032 | 0.81 | 0.032 | 0.81 | 0.366 | 9.40 | 31.0 |
| **C2440A** | 4 | 12 | 19/0.0185 | 0.032 | 0.81 | 0.032 | 0.81 | 0.437 | 11.02 | 31.0 |

*Capacitance between conductors
†CL3, UL2587, CSA CMH Only

### Product Construction:

#### Conductor:

- 16 thru 12 AWG fully annealed stranded tinned copper per ASTM B-33

#### Insulation:

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

#### Jacket:

- PVC, gray
- Temperature range: -20°C to +90°C

### Applications:

- Public address systems
- Intercoms
- Internal telephones
- Remote control circuits
- Suitable for EIA RS-232 applications
- Suggested voltage rating: 300 volts

### Compliances:

- NEC Article 725 Type CL3 (UL: 75°C)
- NEC Article 800 Type CM (UL: 75°C)
- UL Style 2464 (UL: 80°C, 300V)
- UL Style 2587 (UL: 90°C, 600V)
- CSA CMG (CSA: 60°C)
- RoHS Compliant Directive 2002/95/EC
- Designed to meet UL 70,000 BTU Vertical Tray Flame Test
- Passes CSA CMG Flame Test

### Packaging:

- Please contact Customer Service for packaging and color options

**Color Code Chart Per ICEA**

| NO. OF COND. | COLOR | NO. OF COND. | COLOR | NO. OF COND. | COLOR |
|---|---|---|---|---|---|
| **1** | Black | **10** | Orange/Black | **19** | Blue/Red |
| **2** | White | **11** | Blue/Black | **20** | Red/Green |
| **3** | Red | **12** | Black/White | **21** | Orange/Green |
| **4** | Green | **13** | Red/White | **22** | Black/White/Red |
| **5** | Orange | **14** | Green/White | **23** | White/Black/Red |
| **6** | Blue | **15** | Blue/White | **24** | Red/Black/White |
| **7** | White/Black | **16** | Black/Red | **25** | Green/Black/White |
| **8** | Red/Black | **17** | White/Red | | |
| **9** | Green/Black | **18** | Orange/Red | | |

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CMG Certified Canadian Standard Association
Designed to Meet UL Vertical Tray Flame Test Underwriters Laboratories Inc.
RoHS Compliant Directive 2002/95/EC
General Cable

# 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:

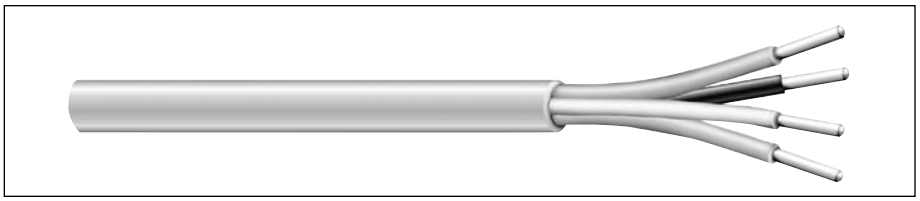
- NEC Article 800 (UL: 75°C, 300V)
- Designed to meet NFPA 262 and CSA FT-6 Steiner Tunnel Fire Tests for Plenum Applications

### 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 | |
| C8102 | 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 |
|---|---|
| 1 | Black |
| 2 | White |
| 3 | Red |
| 4 | Green |

Designed to Meet NFPA 262 and CSA FT-6 Steiner Tunnel Fire Tests for Plenum Applications

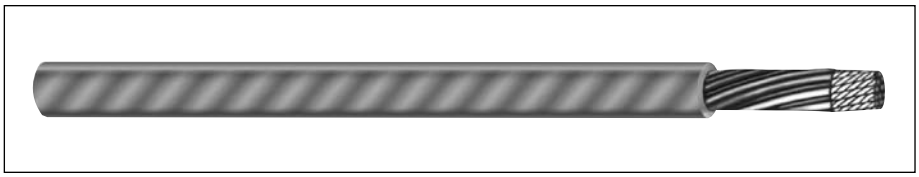
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# Multi-Conductor, Unshielded

## NEC Type CMP (UL) c(UL) and/or CL2P



| 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 | |
| **22 AWG CONDUCTORS** | | | | | | | | | | |
| C3105† | 2 | 22 | 7/30 TC | 0.006 | 0.15 | 0.010 | 0.25 | 0.089 | 2.26 | 29.0 |
| C3106† | 4 | 22 | 7/30 TC | 0.006 | 0.15 | 0.010 | 0.25 | 0.121 | 3.07 | 29.0 |
| **18 AWG CONDUCTORS** | | | | | | | | | | |
| C3102 | 2 | 18 | 7/26 BC | 0.008 | 0.20 | 0.010 | 0.25 | 0.123 | 3.12 | 31.0 |
| C3190 | 3 | 18 | 7/26 BC | 0.008 | 0.20 | 0.010 | 0.25 | 0.143 | 3.63 | 31.0 |
| C3103 | 4 | 18 | 7/26 BC | 0.008 | 0.20 | 0.010 | 0.25 | 0.163 | 4.14 | 31.0 |
| C3134 | 5 | 18 | 7/26 BC | 0.008 | 0.20 | 0.010 | 0.25 | 0.187 | 4.75 | 30.8 |
| C3192 | 6 | 18 | 7/26 BC | 0.008 | 0.20 | 0.010 | 0.25 | 0.198 | 5.03 | 31.0 |
| C3191 | 8 | 18 | 7/26 BC | 0.008 | 0.20 | 0.010 | 0.25 | 0.223 | 5.66 | 31.0 |
| C3178 | 10 | 18 | 7/26 BC | 0.008 | 0.20 | 0.010 | 0.25 | 0.244 | 6.19 | 31.0 |
| C3179 | 12 | 18 | 7/26 BC | 0.008 | 0.20 | 0.010 | 0.25 | 0.263 | 6.68 | 31.0 |
| **16 AWG CONDUCTORS** | | | | | | | | | | |
| C3193 | 2 | 16 | 19/.0117 BC | 0.008 | 0.20 | 0.010 | 0.25 | 0.141 | 3.58 | 33.0 |
| C3194 | 3 | 16 | 7/.0192 BC | 0.008 | 0.20 | 0.010 | 0.25 | 0.164 | 4.17 | 33.0 |
| C3195 | 4 | 16 | 7/.0192 BC | 0.008 | 0.20 | 0.010 | 0.25 | 0.187 | 4.75 | 33.0 |
| **14 AWG CONDUCTORS** | | | | | | | | | | |
| C3126† | 2 | 14 | 19/.0147 BC | 0.010 | 0.25 | 0.010 | 0.25 | 0.168 | 4.27 | 35.0 |
| **12 AWG CONDUCTORS** | | | | | | | | | | |
| C3135† | 2 | 12 | 19/.0185 BC | 0.010 | 0.25 | 0.010 | 0.25 | 0.238 | 6.05 | 37.0 |

*Capacitance between conductors

†CL2P only

### Color Code Chart

| NO. OF COND. | COLOR |
|---|---|
| 1 | Black |
| 2 | White |
| 3 | Red |
| 4 | Green |
| 5 | Brown |
| 6 | Blue |
| 7 | Orange |
| 8 | Yellow |
| 9 | Violet |
| 10 | Gray |
| 11 | Pink |
| 12 | Tan |

### Product Construction:

#### Conductor:

- 22 thru 14 AWG fully annealed stranded tinned or bare copper per ASTM B-3, B-8 or B-33

#### Insulation:

- Premium-grade, color-coded Flexguard® PVC
- Color code: See chart below

#### Jacket:

- Fluoropolymer, natural
- Temperature range: -20°C to +75°C
- Sequential footage marked to facilitate installation
- Includes ripcord

### Applications:

- Intercom systems
- Background music
- Audio systems
- Power-limited control circuits
- Suggested voltage rating: 150 volts

### Compliances:

- NEC Article 725 (UL: 75°C, 150V)
- NEC Article 800 (UL: 75°C, 300V)
- Designed to meet NFPA 262 and CSA FT-6 Steiner Tunnel Fire Tests for Plenum Applications

### Features:

- Abrasion-, chemical- and water-resistant jacket

### Packaging:

- Please contact Customer Service for packaging and color options

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Designed to Meet NFPA 262 and CSA FT-6 Steiner Tunnel Fire Tests for Plenum Applications

Underwriters Laboratories Inc.

General Cable

Стандарт Электрон Связь

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