

# Multi-Paired, Unshielded

UL 2464, NEC Type CM (UL) c(UL), CSA CMG



## Product Construction:

### Conductor:

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

### Insulation:

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

### Jacket:

- PVC, gray
- Temperature range: -20°C to +80°C

## Applications:

- Computers
- Industrial equipment
- Data transmission
- Control circuits
- Suitable for EIA RS-232 applications
- Suggested voltage rating: 300 volts

## Compliances:

- NEC Article 800 Type CM (UL: 75°C)
- UL Style 2464 (UL: 80°C, 300V)
- 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

| CATALOG NUMBER | NO. OF PAIRS | 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    |                     |
| C6101A         | 1            | 18       | 16/30        | 0.013                     | 0.33 | 0.032                 | 0.81 | 0.206        | 5.23  | 26.3                |
| C6118A         | 2            | 18       | 16/30        | 0.013                     | 0.33 | 0.032                 | 0.81 | 0.320        | 8.13  | 26.3                |
| C6103A         | 3            | 18       | 16/30        | 0.013                     | 0.33 | 0.032                 | 0.81 | 0.338        | 8.59  | 26.3                |
| C6119A         | 4            | 18       | 16/30        | 0.013                     | 0.33 | 0.032                 | 0.81 | 0.372        | 9.45  | 26.3                |
| C6120A         | 5            | 18       | 16/30        | 0.013                     | 0.33 | 0.032                 | 0.81 | 0.408        | 10.36 | 26.3                |
| C6106A         | 6            | 18       | 16/30        | 0.013                     | 0.33 | 0.032                 | 0.81 | 0.445        | 11.30 | 26.3                |
| C6121A         | 8            | 18       | 16/30        | 0.013                     | 0.33 | 0.032                 | 0.81 | 0.484        | 12.29 | 26.3                |
| C6109A         | 9            | 18       | 16/30        | 0.013                     | 0.33 | 0.032                 | 0.81 | 0.522        | 13.26 | 26.3                |
| C6111A         | 15           | 18       | 16/30        | 0.013                     | 0.33 | 0.032                 | 0.81 | 0.659        | 16.74 | 26.3                |

\* Capacitance between conductors

## Color Code Chart

| NO. OF PAIRS | COLOR                    | NO. OF PAIRS | COLOR                   |
|--------------|--------------------------|--------------|-------------------------|
| 1            | Black paired with Red    | 9            | Red paired with Green   |
| 2            | Black paired with White  | 10           | Red paired with Blue    |
| 3            | Black paired with Green  | 11           | Red paired with Yellow  |
| 4            | Black paired with Blue   | 12           | Red paired with Brown   |
| 5            | Black paired with Yellow | 13           | Red paired with Orange  |
| 6            | Black paired with Brown  | 14           | Green paired with White |
| 7            | Black paired with Orange | 15           | Green paired with Blue  |
| 8            | Red paired with White    |              |                         |

**CAROL BRAND**

UL LISTED

CSA CMG Certified Canadian Standard Association

UL

Designed to Meet UL Vertical Tray Flame Test

Underwriters Laboratories Inc.

RoHS Compliant Directive 2002/95/EC

General Cable