

# Multi-Conductor, Unshielded

UL 2464, UL 2576, NEC Type CM (UL) c(UL), CSA CMG

## Product Construction:

### Conductor:

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

### Insulation:

- Premium-grade, color-coded PVC per UL 1007
- Color code: See charts below

### Jacket:

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

## Applications:

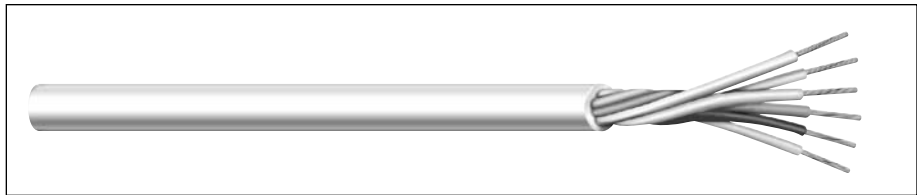
- Public address systems
- Intercoms
- Internal telephones
- Remote control circuits
- Suitable for EIA RS-232 applications
- Suggested voltage rating: 300 volts

## Compliances:

- NEC Article 800 Type CM (UL: 75°C)
- UL Style 2464 (UL: 80°C, 300V)
- UL Style 2576 (UL: 80°C, 150V)
- 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 COND. | AWG SIZE | COND. STRAND | NOM. INSULATION THICKNESS |      | NOM. JACKET THICKNESS |      | NOMINAL O.D. |       | COLOR CODE | NOM. C-C CAP.* pF/ft |
|----------------|--------------|----------|--------------|---------------------------|------|-----------------------|------|--------------|-------|------------|----------------------|
|                |              |          |              | INCHES                    | mm   | INCHES                | mm   | INCHES       | mm    |            |                      |
| <b>C6351A†</b> | 2            | 20       | 7/28         | 0.016                     | 0.41 | 0.025                 | 0.64 | 0.192        | 4.88  | Black/Red  | 28.0                 |
| <b>C6352A</b>  | 3            | 20       | 7/28         | 0.016                     | 0.41 | 0.032                 | 0.81 | 0.216        | 5.50  | 1          | 28.0                 |
| <b>C6353A</b>  | 4            | 20       | 7/28         | 0.016                     | 0.41 | 0.032                 | 0.81 | 0.235        | 5.97  | 1          | 28.0                 |
| <b>C6355A</b>  | 5            | 20       | 7/28         | 0.016                     | 0.41 | 0.032                 | 0.81 | 0.254        | 6.46  | 1          | 28.0                 |
| <b>C6356A</b>  | 7            | 20       | 7/28         | 0.016                     | 0.41 | 0.032                 | 0.81 | 0.275        | 6.99  | 1          | 28.0                 |
| <b>C6357A</b>  | 9            | 20       | 7/28         | 0.016                     | 0.41 | 0.032                 | 0.81 | 0.317        | 8.05  | 1          | 28.0                 |
| <b>C6360A</b>  | 12           | 20       | 7/28         | 0.016                     | 0.41 | 0.032                 | 0.81 | 0.354        | 9.00  | 2          | 28.0                 |
| <b>C6358A</b>  | 15           | 20       | 7/28         | 0.016                     | 0.41 | 0.032                 | 0.81 | 0.392        | 9.96  | 2          | 28.0                 |
| <b>C2830A†</b> | 2            | 18       | 16/30        | 0.016                     | 0.41 | 0.015                 | 0.64 | 0.190        | 5.33  | Black/Red  | 30.5                 |
| <b>C2831A</b>  | 3            | 18       | 16/30        | 0.016                     | 0.41 | 0.032                 | 0.81 | 0.236        | 5.99  | 1          | 30.5                 |
| <b>C2404A</b>  | 4            | 18       | 16/30        | 0.016                     | 0.41 | 0.032                 | 0.81 | 0.258        | 6.55  | 1          | 30.5                 |
| <b>C2420A</b>  | 5            | 18       | 16/30        | 0.016                     | 0.41 | 0.032                 | 0.81 | 0.280        | 7.11  | 1          | 30.5                 |
| <b>C2421A</b>  | 7            | 18       | 16/30        | 0.016                     | 0.41 | 0.032                 | 0.81 | 0.309        | 7.85  | 1          | 30.5                 |
| <b>C2422A</b>  | 9            | 18       | 16/30        | 0.016                     | 0.41 | 0.032                 | 0.81 | 0.358        | 9.09  | 1          | 30.5                 |
| <b>C2412A</b>  | 12           | 18       | 16/30        | 0.016                     | 0.41 | 0.032                 | 0.81 | 0.401        | 10.19 | 2          | 30.5                 |
| <b>C2423A</b>  | 15           | 18       | 16/30        | 0.016                     | 0.41 | 0.032                 | 0.81 | 0.445        | 11.30 | 2          | 30.5                 |
| <b>C2424A</b>  | 19           | 18       | 16/30        | 0.016                     | 0.41 | 0.032                 | 0.81 | 0.469        | 11.91 | 2          | 30.5                 |
| <b>C2433A</b>  | 25           | 18       | 16/30        | 0.016                     | 0.41 | 0.032                 | 0.81 | 0.550        | 13.94 | 2          | 30.5                 |

\*Capacitance between conductors  
 †CM (UL) c(UL), CSA CMG Only

### Color Code Chart 1 - For cables up to and including 9 conductors

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

### Color Code Chart 2 Per ICEA - For cables of 12 thru 25 conductors

| 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   |              |                   |