

Multi-Paired, Unshielded

UL 2464, NEC/CEC Type CMG UL/CSA**

Product Construction:

Conductor:

- 18 AWG fully annealed stranded tinned copper per ASTM B33
- 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, 300 V)
- CSA CMG (CSA: 60°C)
- RoHS Compliant Directive 2011/65/EU
- 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 |
|----------------|--------------|----------|--------------|---------------------------|------|-----------------------|------|--------------|-------|----------------------|
| | | | | in | mm | in | mm | in | 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

**CSA or c(UL)

Data subject to change.

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 | | |



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