

Multi-Paired, Foil Shield

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



Product Construction:

Conductor:

- 24 AWG fully annealed stranded tinned copper per ASTM B33
- Twisted pairs

Insulation:

- Premium-grade, color-coded S-R PVC per UL 1061
- Color code: See chart below

Shield:

- 100% Flexfoil® aluminum/polyester with 25% overlap, minimum, foil facing out
- Stranded tinned copper drain wire

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 CMR (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
- CE: Low Voltage Directive (LVD) 2006/95/EC
- Assists system designers in meeting FCC Docket 20780 demands

Packaging:

- Please contact Customer Service for packaging and color options

Data subject to change.

| CATALOG NUMBER | NO. OF PAIRS | AWG SIZE | COND. STRAND | NOMINAL INSULATION THICKNESS | | NOMINAL JACKET THICKNESS | | NOMINAL O.D. | | NOMINAL DCR Ω/kft | | NOMINAL CAP.* pF/ft | |
|----------------|--------------|----------|--------------|------------------------------|------|--------------------------|------|--------------|-------|-------------------|-------|---------------------|------|
| | | | | INCHES | mm | INCHES | mm | INCHES | mm | COND. | SHLD. | A | B |
| C0600A | 1 | 24 | 7/32 | 0.010 | 0.25 | 0.032 | 0.81 | 0.157 | 3.99 | 25.7 | 7.2 | 19.7 | 21.5 |
| C0601A | 2 | 24 | 7/32 | 0.010 | 0.25 | 0.032 | 0.81 | 0.214 | 5.44 | 25.7 | 7.2 | 28.7 | 21.5 |
| C0602A | 3 | 24 | 7/32 | 0.010 | 0.25 | 0.032 | 0.81 | 0.225 | 5.72 | 25.7 | 7.2 | 25.7 | 21.5 |
| C0603A | 4 | 24 | 7/32 | 0.010 | 0.25 | 0.032 | 0.81 | 0.245 | 6.23 | 25.7 | 7.2 | 25.7 | 20.2 |
| C0604A | 5 | 24 | 7/32 | 0.010 | 0.25 | 0.032 | 0.81 | 0.265 | 6.73 | 25.7 | 7.2 | 25.7 | 20.2 |
| C0605A | 6 | 24 | 7/32 | 0.010 | 0.25 | 0.032 | 0.81 | 0.287 | 7.29 | 25.7 | 7.2 | 23.7 | 42.7 |
| C0606A | 7 | 24 | 7/32 | 0.010 | 0.25 | 0.032 | 0.81 | 0.287 | 7.29 | 25.7 | 7.2 | 23.7 | 42.7 |
| C0607A | 8 | 24 | 7/32 | 0.010 | 0.25 | 0.032 | 0.81 | 0.309 | 7.85 | 25.7 | 7.2 | 23.7 | 42.7 |
| C0608A | 9 | 24 | 7/32 | 0.010 | 0.25 | 0.032 | 0.81 | 0.331 | 8.41 | 25.7 | 7.2 | 23.7 | 42.7 |
| C0609A | 10 | 24 | 7/32 | 0.010 | 0.25 | 0.032 | 0.81 | 0.359 | 9.12 | 25.7 | 7.2 | 23.7 | 42.7 |
| C0610A | 15 | 24 | 7/32 | 0.010 | 0.25 | 0.032 | 0.81 | 0.410 | 10.41 | 25.7 | 7.2 | 23.7 | 42.7 |
| C0611A | 19 | 24 | 7/32 | 0.010 | 0.25 | 0.032 | 0.81 | 0.432 | 10.97 | 25.7 | 7.2 | 23.7 | 42.7 |
| C0612A | 25 | 24 | 7/32 | 0.010 | 0.25 | 0.032 | 0.81 | 0.505 | 12.84 | 25.7 | 7.2 | 23.7 | 42.7 |
| C0720A | 1 | 22 | 7/30 | 0.010 | 0.25 | 0.032 | 0.81 | 0.169 | 4.29 | 16.6 | 6.2 | 40.4 | 72.6 |
| C0721A | 2 | 22 | 7/30 | 0.010 | 0.25 | 0.032 | 0.81 | 0.234 | 5.94 | 16.6 | 6.2 | 32.3 | 58.1 |
| C0722A | 3 | 22 | 7/30 | 0.010 | 0.25 | 0.032 | 0.81 | 0.246 | 6.25 | 16.6 | 6.2 | 27.8 | 50.1 |
| C0723A | 4 | 22 | 7/30 | 0.010 | 0.25 | 0.032 | 0.81 | 0.269 | 6.83 | 16.6 | 6.2 | 27.8 | 50.1 |
| C0724A | 5 | 22 | 7/30 | 0.010 | 0.25 | 0.032 | 0.81 | 0.292 | 7.42 | 16.6 | 6.2 | 27.8 | 50.1 |
| C0725A | 6 | 22 | 7/30 | 0.010 | 0.25 | 0.032 | 0.81 | 0.317 | 8.05 | 16.6 | 6.2 | 25.5 | 45.9 |
| C0726A | 9 | 22 | 7/30 | 0.010 | 0.25 | 0.032 | 0.81 | 0.367 | 9.32 | 16.6 | 6.2 | 25.5 | 45.9 |
| C0728A | 15 | 22 | 7/30 | 0.010 | 0.25 | 0.032 | 0.81 | 0.457 | 11.62 | 16.6 | 6.2 | 25.5 | 45.9 |
| C0729A | 19 | 22 | 7/30 | 0.010 | 0.25 | 0.032 | 0.81 | 0.482 | 12.24 | 16.6 | 6.2 | 25.5 | 45.9 |
| C0730A | 27 | 22 | 7/30 | 0.010 | 0.25 | 0.032 | 0.81 | 0.576 | 14.36 | 16.6 | 6.2 | 26.0 | 46.0 |

*A - Capacitance between conductors

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

Color Code Chart

| NO. OF PAIRS | COLOR | NO. OF PAIRS | COLOR |
|--------------|-------------------|--------------|-------------------|
| 1 | Black with Red | 14 | Green with White |
| 2 | Black with White | 15 | Green with Blue |
| 3 | Black with Green | 16 | Green with Yellow |
| 4 | Black with Blue | 17 | Green with Brown |
| 5 | Black with Yellow | 18 | Green with Orange |
| 6 | Black with Brown | 19 | White with Blue |
| 7 | Black with Orange | 20 | White with Yellow |
| 8 | Red with White | 21 | White with Brown |
| 9 | Red with Green | 22 | White with Orange |
| 10 | Red with Blue | 23 | Blue with Yellow |
| 11 | Red with Yellow | 24 | Blue with Brown |
| 12 | Red with Brown | 25 | Blue with Orange |
| 13 | Red with Orange | 26 | Brown with Yellow |
| | | 27 | Brown with Orange |



Designed to Meet UL Vertical Tray Flame Test

Underwriters Laboratories Inc.



X-ON Electronics

Largest Supplier of Electrical and Electronic Components

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[C3120.18.86](#) [C4066A.38.10](#) [01104.99.01](#) [01343.35T.01](#) [02728-85-01](#) [5133290E](#) [09205.41.01](#) [2133016](#) [16065.41.01](#) [5131431E](#) [09814.99.01](#)
[E2206S.41.86](#) [E1524S.41.03](#) [E2534S.41.03](#) [C2016A.12.03](#) [C2064A.12.02](#) [C0570A.41.10](#) [C1343A.41.10](#) [C1357.41.90](#) [C2405A.41.10](#)
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[02605.41T.05](#) [02608.41T.05](#) [02632.35T.05](#) [02634.41T.05](#) [02601.41T.05](#) [C0783A.41.10](#) [E1032S.41.10](#) [E2024S.41.10](#) [01360.35T.01](#)
[01342.35T.01](#) [C0744A.41.10](#) [C2514A.41.10](#)