

Multi-Paired, Individually Foil/Braid Shielded, Lo-Cap[®] UL 2493, NEC Type CM (UL) c(UL) CMH



Product Construction:

Conductor:

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

Insulation:

- Premium-grade, color-coded foamed Lo-Cap[®] polypropylene
- Color code: See chart below

Shield:

- Individually shielded pairs
- 100% Flexfoil[®] aluminum/polyester with 25% overlap, minimum, foil facing in
- Stranded tinned copper drain wire, each pair
- 70% tinned copper braid

Jacket:

- PVC, gray
- Temperature range: -20°C to +75°C

Applications:

- High-speed computers
- Industrial equipment
- Control circuits
- Designed for low capacitance applications
- Suitable for RS-422 CAD/CAM applications
- Suggested voltage rating: 300 volts

Compliances:

- NEC Article 800 Type CM/CMH (UL: 75°C, 300 V)
- UL Style 2493 (UL: 60°C)
- RoHS Compliant Directive 2011/65/EU
- Designed to meet UL 70,000 BTU Vertical Tray Flame Test
- CE: Low Voltage Directive (LVD) 2006/95/EC

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. | | NOMINAL DCR** | | | VEL. OF PROP., % | NOM. IMP., Ω | NOMINAL CAP.* | |
|----------------|--------------|----------|--------------|---------------------------|------|-----------------------|------|--------------|-------|---------------|------|-----|------------------|--------------|---------------|------|
| | | | | in | mm | in | mm | in | mm | C | D | E | | | A | B |
| C0924A | 2 | 24 | 7/32 | 0.022 | 0.56 | 0.048 | 1.22 | 0.392 | 9.96 | 26.0 | 18.0 | 4.3 | 78 | 100 | 14.8 | 26.7 |
| C0925A | 3 | 24 | 7/32 | 0.022 | 0.56 | 0.048 | 1.22 | 0.410 | 10.41 | 26.0 | 18.0 | 4.4 | 78 | 100 | 14.8 | 26.7 |
| C0926A | 4 | 24 | 7/32 | 0.022 | 0.56 | 0.048 | 1.22 | 0.445 | 11.30 | 26.0 | 18.0 | 3.2 | 78 | 100 | 14.8 | 26.7 |

*A – Capacitance between conductors
 *B – Capacitance between one conductor and other conductors connected to shield
 **C – Conductor resistance
 **D – Individual shield resistance
 **E – Overall shield resistance
 Data subject to change.

Color Code Chart

| NO. OF PAIRS | COLOR |
|--------------|-------------------------|
| 1 | Black paired with Red |
| 2 | Black paired with White |
| 3 | Black paired with Green |
| 4 | Black paired with Blue |



Designed to Meet
UL Vertical Tray
Flame Test

Underwriters Laboratories Inc.

