

Part Number: C0901A

Revision Level: 00

Date: June 23, 2005

## 3P 24 7/32 TC PE OAS PVC

## COMPUTER CABLE

### A. CONSTRUCTION

### DIAMETERS

|    |               |   |                   |
|----|---------------|---|-------------------|
| 1) | CONDUCTOR:    | #24 AWG 7/32 Tinned Copper  | 0.024" nom.       |
| 2) | INSULATION:   | 0.015" Wall Polyethylene  | 0.054" nom.       |
| 3) | PAIRING:      | 6 conductors into 3 pairs @ 2.00" LHL.  | 0.133" nom.       |
| 4) | COLOR CODE:   | 1. Black paired to White<br>2. Red paired to Green<br>3. Blue paired to Brown   |                   |
| 5) | CABLE:        | 3 pairs @ 2.00" LHL with aluminum/polypropylene tape (foil out) & #24 AWG 7/32 TC drain wire.   | 0.197" nom.       |
| 6) | JACKET:       | 0.032" Wall Polyvinyl Chloride - Gray   | 0.261" +/- 0.013" |
| 7) | PRINT LEGEND: | <b>CAROL (R) 24 AWG -- C0901A -- 75C E111240-8 CM(UL)<br/>C(UL)CMH OR 80C AWM STYLE 2448 300V LOW VOLTAGE COMPUTER<br/>CABLE -- MADE IN USA (DATE CODE)</b> |                   |

### B. INDUSTRY APPROVALS

|                                |                |
|--------------------------------|----------------|
| UL Standard 444                | Type CM (UL)   |
| National Electrical Code       | Article 800    |
| Canadian Standards Association | Type CMH C(UL) |
| UL Subject 758                 | AWM Style 2448 |

### C. ELECTRICAL PROPERTIES

|    |                                   |                                |
|----|-----------------------------------|--------------------------------|
| 1) | TEMPERATURE:                      | 75 C/CM, 80C/AWM               |
| 2) | SUGGESTED WORKING VOLTAGE (Vrms): | 300 Vrms/CM, 30Vrms/AWM        |
| 3) | CONDUCTOR D.C. RESISTANCE:        | 25.7 Ohms/1000 ft. nom. @ 20 C |
| 4) | SHIELD RESISTANCE:                | 7.2 Ohms/1000 ft. nom. @ 20 C  |
| 5) | MUTUAL CAPACITANCE:               | 14.2 pF/ft. @ 1kHz nom.        |
| 6) | GROUND CAPACITANCE:               | 25.5 pF/ft. @ 1kHz nom.        |
| 7) | CHARACTERISTIC IMPEDANCE:         | 108.8 Ohms @ 1 MHz nom.        |

Note: Data are subject to change without notice. Contact your Customer Service representative for latest information.