

Part Number: C0897A

Revision Level: 00

Date: June 23, 2005

12.5P 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: | 25 conductors into 12.5 pairs @ 2.00" LHL. | 0.331" nom. |
| 4) | COLOR CODE: | 1. Black paired to White
2. Red paired to Green
3. Brown paired to Blue
4. Orange paired to Yellow
5. Purple paired to Gray
6. Tan paired to Pink
7. White with Blue stripe paired to Blue with White stripe
8. White with Brown stripe paired to Brown with White stripe
9. White with Orange stripe paired to Orange with White stripe
10. White with Green stripe paired to Green with White stripe
11. White with Red stripe paired to Red with White stripe
12. White with Black stripe paired to Black with White stripe
13. Green with Yellow stripe | |
| 5) | CABLE: | 12.5 pairs @ 5.00" LHL with aluminum/polypropylene tape (foil out) & #24 AWG 7/32 TC drain wire. | 0.395" nom. |
| 6) | JACKET: | 0.032" Wall Polyvinyl Chloride - Gray | 0.459" +/- 0.025" |
| 7) | PRINT LEGEND: | CAROL (R) 24 AWG -- C0897A -- 75C E111240-8 CM(UL)
 C(UL)CMH OR 80C AWM STYLE 2448 300V LOW VOLTAGE COMPUTER
 CABLE -- MADE IN USA (DATE CODE) | |
| 8) | | | |

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: | 13.2 pF/ft. @ 1kHz nom. |
| 6) | GROUND CAPACITANCE: | 23.8 pF/ft. @ 1kHz nom. |
| 7) | CHARACTERISTIC IMPEDANCE: | 116.6 Ohms @ 1 MHz nom. |

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