

Part Number: C0609A

Revision Level: 00

Date: June 17, 2005

10P 24 7/32 TC SR-PVC OAS PVC

COMPUTER CABLE

A. CONSTRUCTION

DIAMETERS

- | | | | | | | | | | | | | | | | |
|----------------|-----------------|---|-------------------|-----------------|--------------|----------------|----------------|--------------|----------------|-----------------|--|---------------|--------------|--|--|
| 1) | CONDUCTOR: | #24 AWG 7/32 Tinned Copper | 0.024" nom. | | | | | | | | | | | | |
| 2) | INSULATION: | 0.010" Wall Semi-Rigid Polyvinyl Chloride | 0.044" nom. | | | | | | | | | | | | |
| 3) | PAIRING: | 20 conductors into 10 pairs @ 2.00" LHL. | 0.088" nom. | | | | | | | | | | | | |
| 4) | COLOR CODE: | <table border="0" style="width: 100%;"> <tr> <td>1. Black-Red</td> <td>5. Black-Yellow</td> <td>9. Red-Green</td> </tr> <tr> <td>2. Black-White</td> <td>6. Black-Brown</td> <td>10. Red-Blue</td> </tr> <tr> <td>3. Black-Green</td> <td>7. Black-Orange</td> <td></td> </tr> <tr> <td>4. Black-Blue</td> <td>8. White-Red</td> <td></td> </tr> </table> | 1. Black-Red | 5. Black-Yellow | 9. Red-Green | 2. Black-White | 6. Black-Brown | 10. Red-Blue | 3. Black-Green | 7. Black-Orange | | 4. Black-Blue | 8. White-Red | | |
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| 5) | CABLE: | 10 pairs @ 4.00" LHL with aluminum/polypropylene tape (foil out) & #24 AWG 7/32 TC drain wire. | 0.295" nom. | | | | | | | | | | | | |
| 6) | JACKET: | 0.032" Wall Polyvinyl Chloride - Gray | 0.359" +/- 0.018" | | | | | | | | | | | | |
| 7) | PRINT LEGEND: | <i>CAROL (R) 24 AWG - - C0609A - - 75C E111240-8 CMR(UL)C(UL) OR AWM STYLE 2464 300V --- CSA LL69381 CMG --- MADE IN USA (DATE CODE) --- (PRINT EVERY 3 FEET)</i> | | | | | | | | | | | | | |

B. INDUSTRY APPROVALS

UL Standard 444	Type CMR(UL)C(UL)
National Electrical Code	Article 800
UL Standard 758	AWM Style 2464
CSA International	Type CMG

C. ELECTRICAL PROPERTIES

- | | | |
|----|-----------------------------------|--------------------------------|
| 1) | TEMPERATURE: | 80 C |
| 2) | SUGGESTED WORKING VOLTAGE (Vrms): | 300 Vrms |
| 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: | 23.7 pF/ft. @ 1kHz nom. |
| 6) | GROUND CAPACITANCE: | 42.7 pF/ft. @ 1kHz nom. |
| 7) | CHARACTERISTIC IMPEDANCE: | 81.2 Ohms @ 1 MHz nom. |

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