

Part Number: C0749A

Revision Level: 1

Date: 6/29/2007

30C 24 7/32 TC S-R PVC OAS PVC

COMPUTER CABLE

A. CONSTRUCTION

DIAMETERS

| | | |
|---------------|--|-------------------|
| Conductor: | #24 AWG 7/32 Tinned Copper | 0.024" nom. |
| Insulation: | 0.010" Wall Semi-Rigid Polyvinyl Chloride | 0.044" nom. |
| Cable: | 30 Conductors @ 4.00" LHL - Aluminum/polyester (Foil Out) - #24 7/32 TC D.W. | 0.287" nom. |
| Jacket: | 0.032" Polyvinyl Chloride | 0.351" +/- 0.018" |
| Print Legend: | CAROL (R) 24 AWG -- C0749A -- 75C E111240-8 CMR (UL)C(UL) OR 80C AWM STYLE 2464 300V --- CSA LL69381 CMG -- MADE IN USA (Date Code MM/YY) | |

B. INDUSTRY APPROVALS

| | |
|--------------------------|----------------|
| National Electrical Code | Article 800 |
| UL Standard 444 | Type CMR |
| UL Standard 758 | AWM Style 2464 |
| CSA International | Type CMG |

C. ELECTRICAL PROPERTIES

| | |
|-----------------------------------|------------------------------------|
| TEMPERATURE: | 75C (CMR) / 80C (2464) / 60C (CMG) |
| SUGGESTED WORKING VOLTAGE (Vrms): | 300 Vrms |
| CONDUCTOR D.C. RESISTANCE: | 26 Ohms/1000 ft nom |
| SHIELD RESISTANCE: | 7.2 Ohms/1000 ft nom |
| MUTUAL CAPACITANCE: | 30.34 pF/ft @ 1kHz nom |
| GROUND CAPACITANCE: | 54.61 pF/ft @ 1kHz nom |
| CHARACTERISTIC IMPEDANCE: | 57.6 Ohms @ 1MHz nom |

D. COLOR CODE (Listed as Individual Conductors or Pairs of Conductors)

| | | | | | |
|----|-------------------|----|-------------------|----|---------------------------|
| 1 | Black | 11 | Lt. Blue / Black | 21 | Orange / Green |
| 2 | White | 12 | Black / White | 22 | Black / White / Red |
| 3 | Red | 13 | Red / White | 23 | White / Black / Red |
| 4 | Light Green | 14 | Lt. Green / White | 24 | Red / Black / White |
| 5 | Orange | 15 | Lt. Blue / White | 25 | Lt. Green / Black / White |
| 6 | Light Blue | 16 | Black / Red | 26 | Orange / Black / White |
| 7 | White / Black | 17 | White / Red | 27 | Lt. Blue / Black / White |
| 8 | Red / Black | 18 | Orange / Red | 28 | Black / Red / Green |
| 9 | Lt. Green / Black | 19 | Lt. Blue / Red | 29 | White / Red / Green |
| 10 | Orange / Black | 20 | Red / Green | 30 | Red / Black / Green |