# General Cable Product Data Sheet

RoHS Compliant Directive 2002/95/EC

Part Number: C6046A Revision Level: 0 Date: 10/25/2007

**27SP 22 7/30 TC PE PVC** **Computer Cable**

## A. CONSTRUCTION

| | | DIAMETERS |
|---|---|---|
| Conductor: | #22 AWG 7/30 Tinned Copper | 0.030” nom. |
| Insulation: | 0.011” Wall Linear Low-Density Polyethylene | 0.052” nom. |
| Pairing | 2 conductors @ 2.00” LHL | 0.113” nom. |
| Cable: | 27P with mylar wrap, #24 AWG 7/32 TC DW & AL / PE tape. | 0.600" nom. |
| Jacket: | 0.048” Wall Polyvinyl Chloride – Gray | 0.696" +/- 0.035" |
| Print Legend: | ***CAROL (R) 22 AWG - - C6046A - - 75C E111240-8 CM (UL) C(UL) OR AWM STYLE 2919 LOW VOLTAGE COMPUTER CABLE - - - CSA LL69381 CMH - - MADE IN USA (DATE CODE)*** | |

## B. INDUSTRY APPROVALS

| | |
|---|---|
| CSA International | Type CMH |
| UL Subject 758 | AWM Style 2919 |

## C. ELECTRICAL PROPERTIES

| | |
|---|---|
| TEMPERATURE: | 80C |
| SUGGESTED WORKING VOLTAGE (Vrms): | 30V |
| CONDUCTOR D.C. RESISTANCE: | 15 Ohms/1000 ft nom |
| SHIELD RESISTANCE: | 11.3 Ohms/1000 ft nom |
| MUTUAL CAPACITANCE: | 24.17 pF/ft @ 1kHz nom |
| GROUND CAPACITANCE: | 43.51 pF/ft @ 1kHz nom |
| CHARACTERISTIC IMPEDANCE: | 63.9 Ohms @ 1MHz nom |

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

| | | | | | |
|---|---|---|---|---|---|
| 1 | Black & Red | 11 | Red & Yellow | 21 | White & Brown |
| 2 | Black & White | 12 | Red & Brown | 22 | White & Orange |
| 3 | Black & Green | 13 | Red & Orange | 23 | Blue & Yellow |
| 4 | Black & Blue | 14 | Green & White | 24 | Blue & Brown |
| 5 | Black & Yellow | 15 | Green & Blue | 25 | Blue & Orange |
| 6 | Black & Brown | 16 | Green & Yellow | 26 | Brown & Yellow |
| 7 | Black & Orange | 17 | Green & Brown | 27 | Brown & Orange |
| 8 | Red & White | 18 | Green & Orange | | |
| 9 | Red & Green | 19 | White & Blue | | |
| 10 | Red & Blue | 20 | White & Yellow | | |

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