

Part Number: C0980A

Revision Level: 1

Date: 7/11/2007

**20C 22 7/30 TC S-R PVC OAS BRAID PVC**

**COMPUTER CABLE**

**A. CONSTRUCTION**

**DIAMETERS**

Conductor:	#22 AWG 7/30 Tinned Copper	0.029" nom.
Insulation:	0.010" Wall Semi-Rigid Polyvinyl Chloride	0.049" nom.
Cable:	20 Conductors @ 4.50" LHL - Aluminum/polyester (Foil Out)	0.271" nom.
Braid	Tinned Copper Braid 65% nom. Coverage	0.293" nom.
Jacket:	0.032" Polyvinyl Chloride	0.357" +/- 0.018"
Print Legend:	<b>CAROL (R) 22 AWG -- C0980A -- 75C E111240-8 CMR (UL)C(UL) OR 80C AWM STYLE 2464 300V --- CSA LL69381 CMG -- MADE IN USA</b>	

**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 (V <sub>rms</sub> ):	300 V <sub>rms</sub>
CONDUCTOR D.C. RESISTANCE:	16.6 Ohms/1000 ft nom
SHIELD RESISTANCE:	3.9 Ohms/1000 ft nom
MUTUAL CAPACITANCE:	33.02 pF/ft @ 1kHz nom
GROUND CAPACITANCE:	59.44 pF/ft @ 1kHz nom
CHARACTERISTIC IMPEDANCE:	52.5 Ohms @ 1MHz nom

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

1	Black	11	Light Blue / Black
2	White	12	Black / White
3	Red	13	Red / White
4	Light Green	14	Light Green / White
5	Orange	15	Light Blue / White
6	Light Blue	16	Black / Red
7	White / Black	17	White / Red
8	Red / Black	18	Orange / Red
9	Light Green / Black	19	Light Blue / Red
10	Orange / Black	20	Red / Green