

Part Number: C0956A

Revision Level: 1

Date: 7/11/2007

**8C 24 7/32 TC S-R PVC OAS BRAID 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:	8 Conductors @ 2.50" LHL - Aluminum/polyester (Foil Out)	0.151" nom.
Braid	Tinned Copper Braid 65% nom. Coverage	0.173" nom.
Jacket:	0.032" Polyvinyl Chloride	0.237" +/- 0.012"
Print Legend:	<b>CAROL (R) 24 AWG -- C0956A -- 75C E111240-8 CM(UL)C(UL) OR AWM STYLE 2464 --- CSA LL69381 CMG -- MADE IN USA</b>	

**B. INDUSTRY APPROVALS**

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

**C. ELECTRICAL PROPERTIES**

TEMPERATURE:	75C (CM) / 80C (2464) / 60C (CMG)
SUGGESTED WORKING VOLTAGE (V <sub>rms</sub> ):	300 V <sub>rms</sub>
CONDUCTOR D.C. RESISTANCE:	25.7 Ohms/1000 ft nom
SHIELD RESISTANCE:	3.8 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
2	White
3	Red
4	Light Green
5	Orange
6	Light Blue
7	White / Black
8	Red / Black