

Part Number: C0948A

Revision Level: 1

Date: 7/11/2007

**25C 28 7/36 TC SR-PVC OAS BRAID PVC**

**COMPUTER CABLE**

**A. CONSTRUCTION**

**DIAMETERS**

Conductor:	#28 AWG 7/36 Tinned Copper	0.015" nom.
Insulation:	0.010" Wall Semi-Rigid Polyvinyl Chloride	0.035" nom.
Cable:	25 Conductors Cabled LHL - Aluminum/polyester (Foil Out) - #28 7/36 TC D.W.	0.215" nom.
Braid	Tinned Copper Braid 65% nom. Coverage	0.237" nom.
Jacket:	0.032" Polyvinyl Chloride	0.301" +/- 0.015"
Print Legend:	<b>CAROL (R) 28 AWG -- C0948A -- 75C E60233-8 (UL) CL2 OR AWM STYLE 2464 --- CSA LL69381 CMG -- MADE IN USA</b>	

**B. INDUSTRY APPROVALS**

National Electrical Code	Article 725
UL Standard 13	Type CL2
UL Standard 758	AWM Style 2464
CSA International	Type CMG

**C. ELECTRICAL PROPERTIES**

TEMPERATURE:	75C (CL2) / 80C (2464) / 60C (CMG)
SUGGESTED WORKING VOLTAGE (V <sub>rms</sub> ):	300 V <sub>rms</sub>
CONDUCTOR D.C. RESISTANCE:	67.5 Ohms/1000 ft nom
SHIELD RESISTANCE:	5 Ohms/1000 ft nom
MUTUAL CAPACITANCE:	24.47 pF/ft @ 1kHz nom
GROUND CAPACITANCE:	44.05 pF/ft @ 1kHz nom
CHARACTERISTIC IMPEDANCE:	72.5 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		
7	White / Black	17	White / Red		
8	Red / Black	18	Orange / Red		
9	Lt. Green / Black	19	Lt. Blue / Red		
10	Orange / Black	20	Red / Green		