

Part Number: C0768A

Revision Level: 1

Date: 7/10/2007

25C 22 7/30 TC S-R PVC OAS PVC

COMPUTER CABLE

A. CONSTRUCTION

Conductor:	#22 AWG 7/30 Tinned Copper	0.029" nom.
Insulation:	0.010" Wall Semi-Rigid Polyvinyl Chloride	0.049" nom.
Cable:	25 Conductors @ 3.50" LHL - Aluminum/polyester (Foil Out) - #22 7/30 TC D.W.	0.305" nom.
Jacket:	0.032" Polyvinyl Chloride	0.369" +/- 0.018"
Print Legend:	CAROL (R) 22 AWG -- C0768A -- 75C E111240-8 CMR (UL)C(UL) OR 80C AWM STYLE 2464 300V --- CSA LL69381 CMG -- MADE IN USA	

DIAMETERS

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:	16.5 Ohms/1000 ft nom
SHIELD RESISTANCE:	6.3 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	Blue / Black	21	Orange / Green
2	White	12	Black / White	22	Black / White / Red
3	Red	13	Red / White	23	White / Black / Red
4	Green	14	Green / White	24	Red / Black / White
5	Orange	15	Blue / White	25	Green / Black / White
6	Blue	16	Black / Red		
7	White / Black	17	White / Red		
8	Red / Black	18	Orange / Red		
9	Green / Black	19	Blue / Red		
10	Orange / Black	20	Red / Green		