

Part Number: C6049A Revision Level: 0 Date: 10/25/2007

9SP 18 16/30 TC PE PVC

Computer Cable

A. CONSTRUCTION

DIAMETERS

Conductor:	#18 AWG 16/30 Tinned Copper	0.048" nom.
Insulation:	0.016" Wall Polyethylene	0.080" nom.
Pairing	2 conductors @ 2.00" LHL	0.170" nom.
Cable:	9P with mylar wrap, AL / PE tape	0.553" nom.
	# 22 AWG 7/30 TC DW over each pair.	
Jacket:	0.048" Wall Polyvinyl Chloride – Gray	0.649" +/- 0.032"
Print Legend:	<i>CAROL (R) 18 AWG - - C6049A - - 75C E111240-8 CM (UL) C (UL) OR AWM STYLE 2919 LOW VOLTAGE COMPUTER CABLE --- CSA LL69381 CMH --- MADE IN USA (DATE CODE)</i>	

B. INDUSTRY APPROVALS

National Electrical Code	Article 800
UL Standard 444	Type CM(UL) C(UL)
CSA International	Type CMH
UL Subject 758	AWM Style 2919

C. ELECTRICAL PROPERTIES

TEMPERATURE:	80C
SUGGESTED WORKING VOLTAGE (Vrms):	30V
CONDUCTOR D.C. RESISTANCE:	6.4 Ohms/1000 ft nom
SHIELD RESISTANCE:	8.3 Ohms/1000 ft nom
MUTUAL CAPACITANCE:	25.31 pF/ft @ 1kHz nom
GROUND CAPACITANCE:	45.56 pF/ft @ 1kHz nom
CHARACTERISTIC IMPEDANCE:	61 Ohms @ 1MHz nom

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

1	Black & Red
2	Black & White
3	Black & Green
4	Black & Blue
5	Black & Yellow
6	Black & Brown
7	Black & Orange
8	Red & White
9	Red & Green