

Part Number: C6048A

Revision Level: 0

Date: 10/25/2007

6SP 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:	6P @ 7.00" LHL with mylar wrap, AL / PE tape	0.460" nom.
	# 22 AWG 7/30 TC DW over each pair.	
Jacket:	0.048" Wall Polyvinyl Chloride – Gray	0.556" +/- 0.028"
Print Legend:	CAROL (R) 18 AWG - - C6048A - - 75C E111240-8 CM (UL) C (UL) OR AWM STYLE 2919 LOW VOLTAGE COMPUTER CABLE --- CSA LL69381 CMH --- MADE IN USA (DATE CODE)	

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 (V _{rms}):	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