General Cable Product Data Sheet

RoHS Compliant Directive 2002/95/EC

Part Number: C6051A | Revision Level: 1 | Date: 10/25/2007

15SP 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:	15P @ 11.00” LHL with mylar wrap, AL / PE tape # 22 AWG 7/30 TC DW over each pair.	0.680” nom.
Jacket:	0.048” Wall Polyvinyl Chloride – Gray	0.776" +/- 0.039"
Print Legend:	***CAROL (R) 18 AWG - - C6051A - - 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 (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	11	Red & Yellow
2	Black & White	12	Red & Brown
3	Black & Green	13	Red & Orange
4	Black & Blue	14	Green & White
5	Black & Yellow	15	Green & Blue
6	Black & Brown		
7	Black & Orange		
8	Red & White		
9	Red & Green		
10	Red & Blue		

Note: Data are subject to change without notice. Contact your Customer Service representative for latest information.