General Cable Product Data Sheet

RoHS Compliant Directive 2002/95/EC

Part Number: C0829A Revision Level: 1 Date: 10/24/2007

2P 24 AWG 7/32 TC PE OAS PVC **Computer Cable**

A. CONSTRUCTION

		DIAMETERS
Conductor:	#24 AWG 7/32 Tinned Copper	0.024” nom.
Insulation:	0.015” Wall Polyethylene	0.054” nom.
Pairing	2 conductors @ 2.00” LHL	0.108” nom.
Cable:	2P @ 2.00” LHL with AL / PE tape & 24 AWG 7/32 TC DW	0.183” nom.
Braid	# 36 AWG Tinned Copper 90% Coverage	0.193” nom.
Jacket:	0.032” Wall Polyvinyl Chloride - Gray	0.257" +/- 0.013"
Print Legend:	***CAROL (R) 24 AWG -- C0829A -- 75C E111240-8 CM(UL) C(UL) CMH OR 80C AWM STYLE 2919 30V LOW VOLTAGE COMPUTER CABLE -- MADE IN USA (DATE CODE) (PRINT***	

B. INDUSTRY APPROVALS

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

C. ELECTRICAL PROPERTIES

TEMPERATURE:	80C
SUGGESTED WORKING VOLTAGE (Vrms):	30V
CONDUCTOR D.C. RESISTANCE:	25.7 Ohms/1000 ft nom
SHIELD RESISTANCE:	2.7 Ohms/1000 ft nom
MUTUAL CAPACITANCE:	14.82 pF/ft @ 1kHz nom
GROUND CAPACITANCE:	26.68 pF/ft @ 1kHz nom
CHARACTERISTIC IMPEDANCE:	98 Ohms @ 1MHz nom

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

1	Black & Red
2	Black & White

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