

Part Number: C0812A

Revision Level: 0

Date: 10/24/2007

**12P 28 AWG 7/36 TC PP OAS PVC**

**Computer Cable**

**A. CONSTRUCTION**

Conductor:	#28 AWG 7/36 Tinned Copper	0.015" nom.
Insulation:	0.009" Wall Polypropylene	0.033" nom.
Pairing	2 conductors @ 0.75" LHL	0.066" nom.
Cable:	12P @ 1.50" LHL with AL / PE tape & 28 AWG 7/36 TC DW	
Braid	# 36 AWG Tinned Copper 90% Coverage	0.230" nom
Jacket:	0.032" Wall Polyvinyl Chloride - Gray	0.294" +/- 0.015"
Print Legend:	<b>CAROL(R) 28 AWG -- C0812A -- 75C E60233-8 (UL)CL2 OR 60C AWM STYLE 2960 30V -- MADE IN USA (DATE CODE -- PRINT EVERY TWO FEET)</b>	

**DIAMETERS**

**B. INDUSTRY APPROVALS**

UL Subject 758	AWM Style 2919
UL Standard 13	Type CL2

**C. ELECTRICAL PROPERTIES**

TEMPERATURE:	75C
SUGGESTED WORKING VOLTAGE (Vrms):	30V
CONDUCTOR D.C. RESISTANCE:	67.5 Ohms/1000 ft nom
SHIELD RESISTANCE:	3.3 Ohms/1000 ft nom
MUTUAL CAPACITANCE:	13.08 pF/ft @ 1kHz nom
GROUND CAPACITANCE:	23.54 pF/ft @ 1kHz nom
CHARACTERISTIC IMPEDANCE:	116.5 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		
4	Black & Blue		
5	Black & Yellow		
6	Black & Brown		
7	Black & Orange		
8	Red & White		
9	Red & Green		
10	Red & Blue		