

Part Number: C0686A

Revision Level: 1

Date: 3/26/2009

**9C 24 AWG 7/32 TC FMPP OAS PVC**

**LO-CAP COMPUTER CABLE**

**A. CONSTRUCTION**

Conductor: #24 AWG 7/32 Tinned Copper  
 Insulation: 0.016" Wall Foamed Polypropylene  
 Cable: 9 Conductors cabled LHL with aluminum/polyester  
 (foil out) & #24 AWG 7/32 TC drain wire  
 Braid: Tinned Copper Braid  
 70% Nom. Coverage  
 Jacket: 0.032" Wall Polyvinyl Chloride  
 Print Legend: *CAROL (R) 24 AWG -- C0686A -- 75C E111240-8 CM (UL) C (UL) CMH OR 80C 30V AWM*

**DIAMETERS**

0.024" nom.  
 0.056" nom.  
 0.207" nom.  
 0.229" nom.  
 0.293 +/- 0.015"  
*STYLE 2919 LOW VOLTAGE COMPUTER CABLE -- MADE IN USA (DATE CODE) (PRINTED)*

**B. INDUSTRY APPROVALS**

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

**C. ELECTRICAL PROPERTIES**

TEMPERATURE:	75C (CM); 80C (AWM)
SUGGESTED WORKING VOLTAGE (Vrms):	300Vrms (CM) / 30 Vrms (AWM)
CONDUCTOR D.C. RESISTANCE:	25.7 Ohms/1000 ft. nom. @ 20C
SHIELD RESISTANCE:	3.2 Ohms/1000 ft. nom. @ 20C
MUTUAL CAPACITANCE:	11.2 pF/ft. @ 1 kHz nom.
GROUND CAPACITANCE:	20.2 pF/ft. @ 1 kHz nom.
CHARACTERISTIC IMPEDANCE:	107 Ohms @ 1 MHz nom.

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

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