

Part Number: C0682A

Revision Level: 1

Date: 3/26/2009

**5C 24 AWG 7/32 TC FMPP OAS PVC**

**LO-CAP COMPUTER CABLE**

**A. CONSTRUCTION**

**DIAMETERS**

Conductor:	#24 AWG 7/32 Tinned Copper	0.024" nom.
Insulation:	0.016" Wall Foamed Polypropylene	0.056" nom.
Cable:	5 Conductors cabled LHL with aluminum/polyester (foil out) & #24 AWG 7/32 TC drain wire	0.146" nom.
Braid	Tinned Copper Braid	0.178" nom.
	70% Nom. Coverage	
Jacket:	0.032" Wall Polyvinyl Chloride	0.242" +/- 0.012"
Print Legend:	<b>CAROL (R) 24 AWG -- C0682A -- 75C E111240-8 CM (UL) C (UL) CMH OR 80C 30V AWM STYLE 2919 LOW VOLTAGE COMPUTER CABLE -- MADE IN USA (DATE CODE) (PRINTED)</b>	

**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:	3.8 Ohms/1000 ft. nom. @ 20C
MUTUAL CAPACITANCE:	11.9 pF/ft. @ 1 kHz nom.
GROUND CAPACITANCE:	21.5 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