

Part Number: C0515A

Revision Level: 3

Date: 7/11/2011

**2 PR 24 7/.0076 TC FMPP OAS PVC**

**Computer Cable**

**A. CONSTRUCTION**

**DIAMETERS**

Conductor:	#24 AWG 7/.0076 Tinned Copper	.024" nom.
Insulation:	0.016" Wall Foamed Polypropylene	.056" nom.
Pairing	4 conductors into 2 pairs @ 2.00" LHL	.112" nom.
Cable:	2 pairs @ 2.00" LHL with aluminum/polyester tape & #24 7/.0076 TC drain wire.	.190" nom.
Braid	#36 AWG Tinned Copper, 65% Min. Coverage	.212" nom.
Jacket:	.032" Wall Polyvinyl Chloride	.276" +/- .014"
Print Legend:	<b><i>CAROL (R) 24 AWG -- C0515A -- 75C E105765-H CM (UL) C (UL) CMH OR 80C AWM STYLE 2919 30V LOW VOLTAGE COMPUTER CABLE --- MADE IN USA (DATE CODE) (PRINT EVERY 2 FEET) (SEQ. FOOTAGE)</i></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:	80C
SUGGESTED WORKING VOLTAGE (Vrms):	30V
CONDUCTOR D.C. RESISTANCE:	25.7 Ohms/1000 ft nom @ 20 C
SHIELD RESISTANCE:	3.6 Ohms/1000 ft nom @ 20 C
MUTUAL CAPACITANCE:	10.24 pF/ft @ 1kHz nom.
GROUND CAPACITANCE:	18.43 pF/ft @ 1kHz nom.
CHARACTERISTIC IMPEDANCE:	120 Ohms @ 1MHz nom.

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

1	White/Blue - Blue/White
2	White/Orange - Orange/White