

Part Number: C0525A

Revision Level: 0

Date: 10/25/2007

**18 PR 24 7/32 TC FMPP OAS PVC**

**Computer Cable**

**A. CONSTRUCTION**

Conductor:	#24 AWG 7/32 Tinned Copper	0.024" nom.
Insulation:	0.016" Wall Foamed Polypropylene	0.056" nom.
Pairing	2 conductors @ 2.00" LHL	0.111" nom.
Cable:	18P with AL / PE & # 24 7/32 TC DW	
Braid	# 36 AWG Tinned Copper 65% Min. Coverage	0.489" nom.
Jacket:	0.048" Wall Polyvinyl Chloride - Gray	0.585" +/- 0.029"
Print Legend:	<b><i>CAROL (R) 24 AWG -- C0525A -- 75C E111240-8 CM (UL) C (UL) CMH OR 80C AWM STYLE 2919 30V LOW VOLTAGE COMPUTER CABLE --- MADE IN USA (DATE CODE) (PRINT</i></b>	

**DIAMETERS**

**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 (V <sub>rms</sub> ):	30V
CONDUCTOR D.C. RESISTANCE:	25.7 Ohms/1000 ft nom
SHIELD RESISTANCE:	2.1 Ohms/1000 ft nom
MUTUAL CAPACITANCE:	9.24 pF/ft @ 1kHz nom
GROUND CAPACITANCE:	16.63 pF/ft @ 1kHz nom
CHARACTERISTIC IMPEDANCE:	141.2 Ohms @ 1MHz nom

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

1	Wht/Blu – Blu/Wht	11	Blk/Blu -- Blu/Blk
2	Wht/Org – Org/Wht	12	Blk/Org -- Org/Blk
3	Wht/Grn – Grn/Wht	13	Blk/Grn -- Grn/Blk
4	Wht/Brn – Brn/Wht	14	Blk/Brn -- Brn/Blk
5	Wht/Gry -- Brn/Wht	15	Blk/Gry -- Gry/Blk
6	Red/Blu -- Blu/Red	16	Yllw/Blu -- Blu/Yllw
7	Red/Org -- Org/Red	17	Yllw/Org -- Org/Yllw
8	Red/Grn -- Grn/Red	18	Yllw/Grn -- Grn/Yllw
9	Red/Brn -- Brn/Red		
10	Red/Gry -- Gry/Red		