

Part Number: C2427A

Revision Level: 6

Date: 7/24/2007

**12C 16 19/0.0117 TC PVC PVC**

**COMMUNICATION CABLE**

**A. CONSTRUCTION**

**DIAMETERS**

Conductor:	#16 AWG 19/0.0117 Tinned Copper	0.056" nom.
Insulation:	0.021" Wall Polyvinyl Chloride	0.098" nom.
Cable:	12 conductors @ 4.50" LHL with mylar wrap.	0.412" nom.
Jacket:	0.032" Wall Polyvinyl Chloride	0.476" +/- 0.024"
Print Legend:	<i>CAROL (R) 16 AWG -- C2427A -- 75C E111240-8 CM (UL) C (UL) OR AWM STYLE 2464 --- CSA LL69381 CMG -- MADE IN USA (DATE CODE)</i>	

**B. INDUSTRY APPROVALS**

National Electrical Code	Article 800
UL Standard 444	Type CM
UL Standard 758	UL Style 2464
CSA International	Type CMG

**C. ELECTRICAL PROPERTIES**

TEMPERATURE:	75 C
SUGGESTED WORKING VOLTAGE (V <sub>rms</sub> ):	300V <sub>rms</sub>
CONDUCTOR D.C. RESISTANCE:	4.4 Ohms/1000 ft nom
MUTUAL CAPACITANCE:	30.5 pF/ft @ 1kHz nom

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

1	Black	11	Blu/Blk
2	White	12	Blk/Wht
3	Red		
4	Lt. Green		
5	Orange		
6	Lt. Blue		
7	Wht/Blk		
8	Red/Blk		
9	Grn/Blk		
10	Org/Blk		