

Part Number: C2421A

Revision Level: 9

Date: 7/24/2007

**7C 18 16/30 TC PVC PVC**

**COMMUNICATION CABLE**

**A. CONSTRUCTION**

Conductor:	#18 AWG 16/30 Tinned Copper	0.048" nom.
Insulation:	0.016" Wall Polyvinyl Chloride	0.080" nom.
Cable:	7 conductors @ 2.75" LHL with mylar wrap.	0.245" nom.
Jacket:	0.032" Wall Polyvinyl Chloride	0.309" +/- 0.015"
Print Legend:	<i>CAROL (R) 18 AWG -- C2421A -- 75C E111240-8 CM (UL) C (UL) OR AWM STYLE 2464 --- CSA LL69381 CMG -- MADE IN USA (DATE CODE)</i>	

**DIAMETERS**

**B. INDUSTRY APPROVALS**

National Electrical Code	Article 800
UL Standard 444	Type CM
UL Standard 758	AWM 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:	7.2 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
2	White
3	Red
4	Lt. Green
5	Lt. Brown
6	Lt. Blue
7	Orange