

Part Number: C2831A

Revision Level: 7

Date: 7/20/2007

**3C 18 1/30 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:	3 conductors	0.172" nom.
Jacket:	0.032 Wall Polyvinyl Chloride	0.236" +/- 0.012"
Print Legend:	<i>CAROL (R) 18 AWG -- C2831A - 75C E111240-8 CM (UL) C(UL) OR AWM STYLE 2464/2576 --- CSA LL69381 CMG 60C -- MADE IN USA (DATE CODE)</i>	

**DIAMETERS**

**B. INDUSTRY APPROVALS**

National Electrical Code	Article 800
UL Standard 444	Type CM (UL) C (UL)
UL Subject 758	AWM Styles 2464/2576
CSA International	Type CMG

**C. ELECTRICAL PROPERTIES**

TEMPERATURE:	75C (CM); 80C (AWM); 60C (CSA)
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