

Part Number: C6506A

Revision Level: 2

Date: 9/11/2007

**12C 28 7/36 TC PVC OAS PVC**

**COMMUNICATION CABLE**

**A. CONSTRUCTION**

Conductor: #28 AWG 7/36 Tinned Copper  
 Insulation: 0.011" Wall Polyvinyl Chloride  
 Cable: 12 conductors @ 2.00" LHL with mylar wrap.  
 Braid #36 AWG Tinned Copper  
 #90% Coverage min.  
 Jacket: 0.021" Wall Polyvinyl Chloride  
 Print Legend: **CAROL (R) -- C6506A -- MADE IN USA**

**DIAMETERS**

0.015" nom.  
 .036" nom.  
 0.150" nom.  
 0.173" nom.  
 0.215" +/- 0.011"

**B. INDUSTRY APPROVALS**

NONE

**C. ELECTRICAL PROPERTIES**

TEMPERATURE: 90C  
 SUGGESTED WORKING VOLTAGE (Vrms): 600Vrms  
 CONDUCTOR D.C. RESISTANCE: 67.5 Ohms/1000 ft nom  
 MUTUAL CAPACITANCE: 30.5 pF/ft @ 1kHz nom  
 GROUND CAPACITANCE: 55 pF/ft @ 1kHz nom

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

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