

Part Number: C0451A

Revision Level: 4

Date: 8/2/2007

**3C 22 7/30 TC PVC OAS PVC**

**COMMUNICATION CABLE**

**A. CONSTRUCTION**

**DIAMETERS**

Conductor:	#22 AWG 7/30 Tinned Copper	0.030" nom.
Insulation:	0.013" Wall Polyvinyl Chloride	0.056" nom.
Cable:	3 conductors @ 2.00" LHL with alum./polyester (foil out) & #22 AWG 7/30 TC drain wire.	0.125" nom.
Jacket:	0.037" Wall Polyvinyl Chloride	0.191" +/- 0.01"
Print Legend:	<b>CAROL (R) 22 AWG -- C0451A -- 105C TYPE PLTC 300V E60233-8 (UL) -- MADE IN USA (DATE CODE)</b>	

**B. INDUSTRY APPROVALS**

National Electrical Code	Article 725
UL Standard 13	Type PLTC

**C. ELECTRICAL PROPERTIES**

TEMPERATURE:	105 C
SUGGESTED WORKING VOLTAGE (Vrms):	300Vrms
CONDUCTOR D.C. RESISTANCE:	16.6 Ohms/1000 ft nom
MUTUAL CAPACITANCE:	39.5 pF/ft @ 1kHz nom
GROUND CAPACITANCE:	71 pF/ft @ 1kHz nom

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

1	Black
2	Red
3	White