

Part Number: C0456A

Revision Level: 7

Date: 8/23/2008

**2C 16 19/0.0117 TC PVC OAS PVC**
**COMMUNICATION CABLE**
**A. CONSTRUCTION**

Conductor:	#16 AWG 19/0.0117 Tinned Copper	0.056" nom.
Insulation:	0.013" Wall Polyvinyl Chloride	0.082" nom.
Cable:	2 conductors @ 3.00" LHL with alum./polyester (foil out) & #22 AWG 7/30 TC drain wire.	0.169" nom.
Jacket:	0.037" Wall Polyvinyl Chloride	0.243" +/- 0.012"
Print Legend:	<b>CAROL (R) 16 AWG -- C0456A -- 105C TYPE PLTC E60233-8 (UL) --- MADE IN USA</b>	

**DIAMETERS**
**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:	4.4 Ohms/1000 ft nom
MUTUAL CAPACITANCE:	64 pF/ft @ 1kHz nom
GROUND CAPACITANCE:	115.5 pF/ft @ 1kHz nom

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

1	Black
2	Red