

Part Number: C0455A

Revision Level: 4

Date: 8/2/2007

3C 18 16/30 TC PVC OAS PVC

COMMUNICATION CABLE

A. CONSTRUCTION

DIAMETERS

Conductor:	#18 AWG 16/30 Tinned Copper	0.047" nom.
Insulation:	0.015" Wall Polyvinyl Chloride	0.074" nom.
Cable:	3 conductors @ 2.50" LHL with alum./polyester (foil out) & #22 AWG 7/30 TC drain wire.	0.164" nom.
Jacket:	0.037" Wall Polyvinyl Chloride	0.238" +/- 0.012"
Print Legend:	CAROL (R) 18 AWG -- C0455A -- 105C TYPE PLTC 300V E60233-8 (UL) -- MADE IN USA (DATE CODE)	

B. INDUSTRY APPROVALS

National Electrical Code	Article 725
UL Standard 13	Type PLTC

C. ELECTRICAL PROPERTIES

TEMPERATURE:	105 C
SUGGESTED WORKING VOLTAGE (V _{rms}):	300V _{rms}
CONDUCTOR D.C. RESISTANCE:	7.2 Ohms/1000 ft nom
MUTUAL CAPACITANCE:	46.5 pF/ft @ 1kHz nom
GROUND CAPACITANCE:	83.5 pF/ft @ 1kHz nom

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

1	Black
2	Red
3	White