

Part Number: C2405A

Revision Level: 8

Date: 7/24/2007

2C 16 19/0.0117 TC PVC PVC

COMMUNICATION CABLE

A. CONSTRUCTION

DIAMETERS

Conductor:	#16 AWG 19/0.0117 Tinned Copper	0.056 nom.
Insulation:	0.021" Wall Polyvinyl Chloride	0.098" nom.
Cable:	2 conductors @ 6.00" LHL	0.196" nom.
Jacket:	0.032" Wall Polyvinyl Chloride	0.260" +/- 0.013"
Print Legend:	<i>CAROL (R) 16 AWG -- C2405A -- 75C E111240-8 CM (UL) C (UL) OR AWM STYLE 2464 --- CSA LL69381 60C CMG -- MADE IN USA (DATE CODE)</i>	

B. INDUSTRY APPROVALS

National Electrical Code	Article 800
UL Standard 444	Type CM
UL Standard 758	AWM Style 2464
CSA International	Type CMG

C. ELECTRICAL PROPERTIES

TEMPERATURE:	75 C (CM) 80C (2464) 60C (CMG)
SUGGESTED WORKING VOLTAGE (Vrms):	300Vrms
CONDUCTOR D.C. RESISTANCE:	4.4 Ohms/1000 ft nom
MUTUAL CAPACITANCE:	30.5 pF/ft @ 1kHz nom
CHARACTERISTIC IMPEDANCE:	70.5 Ohms @ 1MHz nom

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

1	Black
2	White