

Part Number: C2521A

Revision Level: 3

Date: 8/1/2007

2C 18 16/30 TC PE BONDED OAS PVC

COMMUNICATION CABLE

A. CONSTRUCTION

DIAMETERS

Conductor:	#18 AWG 16/30 Tinned Copper	0.048" nom.
Insulation:	0.018" Wall Polyethylene	0.084" nom.
Cable:	2 cond. @ 1.75" LHL w/#22 AWG 7/30 TC drain & alum./polyester (foil in) bonded to the jacket	0.173" nom.
Jacket:	0.028" Wall Polyvinyl Chloride	0.229" +/- 0.011"
Print Legend:	<i>CAROL (R) 18 AWG -- C2521A -- 75C E111240-8 CM (UL) C (UL) CMH OR AWM STYLE 2092 -- MADE IN USA (DATE CODE)</i>	

B. INDUSTRY APPROVALS

National Electrical Code	Article 800
UL Standard 444	Type CM
UL Standard 758	AWM Style 2092
CSA International	Type CMH

C. ELECTRICAL PROPERTIES

TEMPERATURE:	75 C
SUGGESTED WORKING VOLTAGE (Vrms):	300Vrms
CONDUCTOR D.C. RESISTANCE:	7.2 Ohms/1000 ft nom
MUTUAL CAPACITANCE:	23.5 pF/ft @ 1kHz nom
GROUND CAPACITANCE:	43 pF/ft @ 1kHz nom

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

1	Black
2	Natural