

Part Number: C4155A

Revision Level: 2

Date: 5/16/2011

2C 18 16/30 TC PP OAS PVC

**MULTI-CONDUCTOR COMMUNICATION
CABLE**

A. CONSTRUCTION

DIAMETERS

Conductor:	#18 AWG 16/30 Tinned Copper	0.046" nom.
Insulation:	0.018" Wall Polypropylene	0.082" nom.
Cable:	2C @ 2.50" LHL with AL / PE & # 22 7/30 TC DW	0.169" nom.
Jacket:	0.030" Wall Polyvinyl Chloride – Gray	0.229" +/- 0.012"
Print Legend:	"CAROL (R) 18 AWG - - C4155A - - CSA C/US LL69381 CMG 80C OR CSA AWM I/II A/B 80C 600V FT4 - - RU AWM STYLE 20251 60C 150V - - MADE IN USA" (DATE CODE) (SEQUENTIAL FOOTAGE) (PRINTED EVERY 2 FEET)	

B. INDUSTRY APPROVALS

National Electric Code	Article 800
UL Subject 758	AWM Style 20251
CSA C22.2 NO. 214 / UL Subject 444	CSA C/US Type CMG
CSA C22.2 NO. 210	CSA AWM I/II A/B

C. ELECTRICAL PROPERTIES

TEMPERATURE:	CSA: 80C / UL: 60C
SUGGESTED WORKING VOLTAGE (V _{rms}):	CSA: 600V / UL: 150V
CONDUCTOR D.C. RESISTANCE:	6.81 Ohms/1000 ft nom
SHIELD RESISTANCE:	6.2 Ohms/1000 ft nom
MUTUAL CAPACITANCE:	23.16 pF/ft @ 1kHz nom
GROUND CAPACITANCE:	41.69 pF/ft @ 1kHz nom
CHARACTERISTIC IMPEDANCE:	65.8 Ohms @ 1MHz nom

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

1	Black
2	Natural