

Part Number: C2687A

Revision Level: 2

Date: 9/7/2007

**3C 18 16/30 TC PVC OAS PVC**

**COMMUNICATION CABLE**

**A. CONSTRUCTION**

Conductor: #18 AWG 16/30 Tinned Copper  
 Insulation: 0.016" Wall Polyvinyl Chloride  
 Cable: 3 conductors @ 3.00" LHL.  
 Braid #34 AWG Tinned Copper  
 75% Min. Coverage  
 Jacket: 0.032" Wall Polyvinyl Chloride  
 Print Legend: *CAROL (R) 18 AWG -- C2687A --75C E111240-8 CM (UL) C (UL) OR AWM STYLE 2095 --- CSA LL69381 CMG -- MADE IN USA (DATE CODE)*

**DIAMETERS**

0.048" nom.  
 0.080" nom.  
 0.172" nom.  
 0.200" nom.  
 0.264" +/- 0.013"

**B. INDUSTRY APPROVALS**

|                          |                |
|--------------------------|----------------|
| National Electrical Code | Article 800    |
| UL Standard 444          | Type CM        |
| UL Standard 758          | AWM Style 2095 |
| CSA International        | Type CMG       |

**C. ELECTRICAL PROPERTIES**

|                                   |                       |
|-----------------------------------|-----------------------|
| TEMPERATURE:                      | 75 C                  |
| SUGGESTED WORKING VOLTAGE (Vrms): | 300Vrms               |
| CONDUCTOR D.C. RESISTANCE:        | 7.2 Ohms/1000 ft nom  |
| MUTUAL CAPACITANCE:               | 45 pF/ft @ 1kHz nom   |
| GROUND CAPACITANCE:               | 80.5 pF/ft @ 1kHz nom |

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

|   |       |
|---|-------|
| 1 | Black |
| 2 | Red   |
| 3 | White |