

Part Number: C0452A

Revision Level: 4

Date: 8/2/2007

**2C 20 7/28 TC PVC OAS PVC**

**COMMUNICATION CABLE**

**A. CONSTRUCTION**

**DIAMETERS**

|               |   |                  |
|---------------|---|------------------|
| Conductor:    | #20 AWG 7/28 Tinned Copper  | 0.038" nom.      |
| Insulation:   | 0.013" Wall Polyvinyl Chloride  | 0.064" nom.      |
| Cable:        | 2 conductors @ 2.00" LHL with alum./polyester<br>(foil out) & #22 AWG 7/30 TC drain wire.             | 0.133" nom.      |
| Jacket:       | 0.037" Wall Polyvinyl Chloride  | 0.207" +/- 0.01" |
| Print Legend: | <b>CAROL (R) 20 AWG -- C0452A -- 105C TYPE PLTC 300V E60233-8 (UL) -- MADE IN USA<br/>(DATE CODE)</b> |                  |

**B. INDUSTRY APPROVALS**

|                          |             |
|--------------------------|-------------|
| National Electrical Code | Article 725 |
| UL Standard 13           | Type PLTC   |

**C. ELECTRICAL PROPERTIES**

|                                   |                       |
|-----------------------------------|-----------------------|
| TEMPERATURE:                      | 105 C                 |
| SUGGESTED WORKING VOLTAGE (Vrms): | 300Vrms               |
| CONDUCTOR D.C. RESISTANCE:        | 10.3 Ohms/1000 ft nom |
| MUTUAL CAPACITANCE:               | 50 pF/ft @ 1kHz nom   |
| GROUND CAPACITANCE:               | 89.5 pF/ft @ 1kHz nom |

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

|   |       |
|---|-------|
| 1 | Black |
| 2 | Red   |