

Part Number: E2034S

Revision Level: 3

Date: 10/29/2007

**4C 18 7/26 BC SR-PVC OAS PVC**

**Sound, Alarm & Security Cable**

**A. CONSTRUCTION**

**DIAMETERS**

|               |   |                  |
|---------------|---|------------------|
| Conductor:    | #18 AWG 7/26 Bare Copper  | 0.046" nom.      |
| Insulation:   | 0.009" Wall Semi-Rigid Polyvinyl Chloride   | 0.063" nom.      |
| Cable:        | 4C @ 2.50" LHL with polyester wrap  | 0.162" nom.      |
|               | AL / PE tape & #18 AWG 16/30 TC DW  |                  |
| Jacket:       | 0.015" Wall Polyvinyl Chloride – Gray   | 0.192" +/- 0.01" |
| Print Legend: | <b><i>CAROL A R) 18 AWG -- E2034S -- 75C E60233-8 (UL) CL3R --- C(UL) CMR -- MADE IN USA (DATE CODE &amp; SEQUENTIAL FOOTAGE 1000' TO 0')</i></b> |                  |

**B. INDUSTRY APPROVALS**

|                          |             |
|--------------------------|-------------|
| National Electrical Code | Article 725 |
| UL Standard 13           | Type CL3R   |
| National Electrical Code | Article 800 |
| UL Standard 444          | Type CMR    |

**C. ELECTRICAL PROPERTIES**

|  |                        |
|--|------------------------|
| TEMPERATURE:                                   | 75C                    |
| SUGGESTED WORKING VOLTAGE (V <sub>rms</sub> ): | 300V                   |
| CONDUCTOR D.C. RESISTANCE:                     | 5.6 Ohms/1000 ft nom   |
| SHIELD RESISTANCE:                             | 6.2 Ohms/1000 ft nom   |
| MUTUAL CAPACITANCE:                            | 47.68 pF/ft @ 1kHz nom |
| GROUND CAPACITANCE:                            | 85.82 pF/ft @ 1kHz nom |
| CHARACTERISTIC IMPEDANCE:                      | 39.5 Ohms @ 1MHz nom   |

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

|   |       |
|---|-------|
| 1 | Black |
| 2 | Red   |
| 3 | White |
| 4 | Green |