

Part Number: E2004S

Revision Level: 5

Date: 10/29/2007

**4C 22 AWG 7/30 BC SR-PVC OAS PVC**

**Sound, Alarm & Security Cable**

**A. CONSTRUCTION**

|               |   |                   |
|---------------|---|-------------------|
| Conductor:    | #22 AWG 7/30 Bare Copper  | 0.029" nom.       |
| Insulation:   | 0.008" Wall Semi-Rigid Polyvinyl Chloride   | 0.045" nom.       |
| Cable:        | 4C @ 2.00" LHL with AL / PE tape & #18 AWG 16/30 TC DW  | 0.117" nom.       |
| Jacket:       | 0.015" Wall Polyvinyl Chloride – Gray   | 0.147" +/- 0.007" |
| Print Legend: | <b>CAROL A (R) 22 AWG - - E2004S - - 75C E60233-8 (UL) CL3R --- C (UL) CMR - - MADE IN USA (DATE CODE &amp; SEQUENTIAL FOOTAGE 1000' TO 0')</b> |                   |

**DIAMETERS**

**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:                     | 14.8 Ohms/1000 ft nom  |
| SHIELD RESISTANCE:                             | 6.2 Ohms/1000 ft nom   |
| MUTUAL CAPACITANCE:                            | 39.89 pF/ft @ 1kHz nom |
| GROUND CAPACITANCE:                            | 71.8 pF/ft @ 1kHz nom  |
| CHARACTERISTIC IMPEDANCE:                      | 47.3 Ohms @ 1MHz nom   |

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

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