

Part Number: E2008S

Revision Level: 3

Date: 10/29/2007

**8C 22 AWG 7/30 BC SR-PVC OAS PVC**

**Sound, Alarm & Security Cable**

**A. CONSTRUCTION**

**DIAMETERS**

Conductor:	#22 AWG 7/30 Bare Copper	0.029" nom.
Insulation:	0.008" Wall Semi-Rigid Polyvinyl Chloride	0.045" nom.
Cable:	8C @ 2.50" LHL with mylar wrap AL / PE tape & #18 AWG 16/30 TC DW	0.165" nom.
Jacket:	0.015" Wall Polyvinyl Chloride – Gray	0.195" +/- 0.01"
Print Legend:	<b>CAROL A (R) 22 AWG - - E2008S - - 75C E60233-8 (UL) CL3R --- C (UL) CMR - - MADE IN USA (DATE CODE &amp; SEQUENTIAL FOOTAGE 1000' TO 0')</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:	14.8 Ohms/1000 ft nom
SHIELD RESISTANCE:	6.2 Ohms/1000 ft nom
MUTUAL CAPACITANCE:	36.37 pF/ft @ 1kHz nom
GROUND CAPACITANCE:	65.47 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
5	Brown
6	Blue
7	Orange
8	Yellow