

Part Number: E2108S

Revision Level: 3

Date: 10/30/2007

**8C 22 7/30 BC FLEX OAS FLEX**

**Sound, Alarm & Security Cable**

**A. CONSTRUCTION**

Conductor:	#22 AWG 7/30 Bare Copper	0.029" nom.
Insulation:	0.008" Wall FLEXGUARD*	0.045" nom.
Cable:	8C @ 2.25" LHL with AL / PE & # 22 7/30 TC DW	0.157" nom.
Jacket:	0.015" Wall FLEXGUARD* - Natural	0.184" +/- 0.009"
Print Legend:	<b>CAROL A (R) 22 AWG - E2108S - 75C E60233-8 (UL) CL3P - - C(UL)CMP - - MADE IN USA (SEQUENTIAL FOOTAGE)</b>	

**DIAMETERS**

**B. INDUSTRY APPROVALS**

National Electrical Code	Article 725
UL Standard 13	Type CL3P
National Electrical Code	Article 800
UL Standard 444	Type CMP

**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:	36.87 pF/ft @ 1kHz nom
GROUND CAPACITANCE:	66.37 pF/ft @ 1kHz nom
CHARACTERISTIC IMPEDANCE:	49.7 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

Note: Data are subject to change without notice. Contact your Customer Service representative for latest information.

\*FLEXGUARD is a trademark of General Cable Corporation for polymer alloy insulation and jackets.