

Part Number: E2102S

Revision Level: 6

Date: 9/26/2008

2C 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:	2C @ 1.75" LHL with AL / PE & # 22 7/30 TC DW	0.098" nom.
Jacket:	0.015" Wall FLEXGUARD* - Natural	0.128" +/- 0.006"
Print Legend:	<i>CAROL A (R) 22 AWG - - E2102S - - 75C E60233-8 (UL) CL3P --- C (UL) CMP - - MADE IN USA (DATE CODE & SEQUENTIAL FOOTAGE 1000' TO 0')</i>	

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 _{rms}):	300V
CONDUCTOR D.C. RESISTANCE:	14.8 Ohms/1000 ft nom
SHIELD RESISTANCE:	6.2 Ohms/1000 ft nom
MUTUAL CAPACITANCE:	49.75 pF/ft @ 1kHz nom
GROUND CAPACITANCE:	89.55 pF/ft @ 1kHz nom
CHARACTERISTIC IMPEDANCE:	40.9 Ohms @ 1MHz nom

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

1	Black
2	Red

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.