

Part Number: E2102S

Revision Level: 6

Date: 9/26/2008

2C 22 7/30 BC FLEX OAS FLEX

Sound, Alarm & Security Cable

A. CONSTRUCTION

DIAMETERS

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:	CAROL A (R) 22 AWG - - E2102S - - 75C E60233-8 (UL) CL3P --- C (UL) CMP - - MADE IN USA (DATE CODE & SEQUENTIAL FOOTAGE 1000' TO 0')	

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 (Vrms):	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.