

Part Number: E2243S

Revision Level: 0

Date: 10/30/2007

**3C 16 19/0.0117 BC FLEX OAS FLEX**

**Sound, Alarm & Security Cable**

**A. CONSTRUCTION**

Conductor:	#16 AWG 19/0.0117 Bare Copper	0.056" nom.
Insulation:	0.008" Wall FLEXGUARD*	0.072" nom.
Cable:	3C @ 1.75" LHL with AL / PE & # 22 7/30 TC DW	0.160" nom.
Jacket:	0.015" Wall FLEXGUARD* - Natural	0.190" +/- 0.01"
Print Legend:	<i>CAROL A (R) 16 AWG - - E2243S - - 75C E60233-8 (UL) CL3P --- C (UL) CMP - - MADE IN USA (DATE CODE &amp; 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 <sub>rms</sub> ):	300V
CONDUCTOR D.C. RESISTANCE:	4.2 Ohms/1000 ft nom
SHIELD RESISTANCE:	6.2 Ohms/1000 ft nom
MUTUAL CAPACITANCE:	62.6 pF/ft @ 1kHz nom
GROUND CAPACITANCE:	112.68 pF/ft @ 1kHz nom
CHARACTERISTIC IMPEDANCE:	31.8 Ohms @ 1MHz nom

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

1	Black
2	Red
3	White

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.