General Cable Product Data Sheet

RoHS Compliant Directive 2002/95/EC

Part Number: E3038S | Revision Level: 0 | Date: 10/29/2007

8C 18 7/0.0152 BC FLEX FLEX — **Sound, Alarm & Security Cable**

A. CONSTRUCTION

		DIAMETERS
Conductor:	#18 AWG 7/26 Bare Copper	0.046” nom.
Insulation:	0.008” Wall FLEXGUARD*	0.056” nom.
Cable:	8C @ 4.00" LHL	0.205" nom.
Jacket:	0.015” Wall FLEXGUARD* - Natural	0.235" +/- 0.012"
Print Legend:	***CAROL A (R) 18 AWG - - E3038S - - 75C E60233-8 75C (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:	5.6 Ohms/1000 ft nom
MUTUAL CAPACITANCE:	35.36 pF/ft @ 1kHz nom
CHARACTERISTIC IMPEDANCE:	57.5 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

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.*