General Cable Product Data Sheet

RoHS Compliant Directive 2002/95/EC

Part Number: E2038S	Revision Level: 1	Date: 10/29/2007

8C 18 AWG 7/26 BC PVC OAS PVC — **Sound, Alarm & Security Cable**

A. CONSTRUCTION

		DIAMETERS
Conductor:	#18 AWG 7/26 Bare Copper	0.046” nom.
Insulation:	0.009” Wall Semi-Rigid Polyvinyl Chloride	0.062” nom.
Cable:	8C @ 2.5” LHL with mylar wrap AL / PE tape & #18 AWG 16/30 TC DW	0.220" nom.
Jacket:	0.015” Wall Polyvinyl Chloride – Gray	0.250" +/- 0.013"
Print Legend:	***CAROL A (R) 18 AWG - - E2038S - - 75C E60233-8 (UL) CL3R --- C (UL) CMR - - MADE IN USA***	

B. INDUSTRY APPROVALS

National Electrical Code	Article 725
UL Standard 13	Type CL3R
National Electrical Code	Article 800
UL Standard 444	Type CMR

C. ELECTRICAL PROPERTIES

TEMPERATURE:	75C
SUGGESTED WORKING VOLTAGE (Vrms):	300V
CONDUCTOR D.C. RESISTANCE:	6.5 Ohms/1000 ft nom
SHIELD RESISTANCE:	6.2 Ohms/1000 ft nom
MUTUAL CAPACITANCE:	43.71 pF/ft @ 1kHz nom
GROUND CAPACITANCE:	78.68 pF/ft @ 1kHz nom
CHARACTERISTIC IMPEDANCE:	38.6 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.