

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

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	

DIAMETERS

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 (V _{rms}):	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