

Part Number: E2040S

Revision Level: 0

Date: 10/29/2007

10C 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:	10C @ 2.75" LHL with mylar wrap AL / PE tape & #18 AWG 16/30 TC DW	0.257" nom.
Jacket:	0.015" Wall Polyvinyl Chloride – Gray	0.287" +/- 0.014"
Print Legend:	CAROL A (R) 18 AWG - - E2040S - - 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 (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
9	Violet
10	Gray