

Part Number: E2023S

Revision Level: 3

Date: 10/29/2007

**3C 20 7/28 BC SR-PVC OAS PVC**

**Sound, Alarm & Security Cable**

**A. CONSTRUCTION**

Conductor:	#20 AWG 7/28 Bare Copper	0.036" nom.
Insulation:	0.008" Wall Semi-Rigid Polyvinyl Chloride	0.052" nom.
Cable:	3C @ 2.25" LHL with mylar wrap	0.121" nom.
	AL / PE tape & #18 AWG 16/30 TC DW	
Jacket:	0.015" Wall Polyvinyl Chloride – Gray	0.151" +/- 0.008"
Print Legend:	<b>CAROL A (R) 20 AWG - - E2023S - - 75C E60233-8 (UL) CL3R --- C (UL) CMR - - MADE IN USA (DATE CODE &amp; SEQUENTIAL FOOTAGE 1000' TO 0')</b>	

**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 <sub>rms</sub> ):	300V
CONDUCTOR D.C. RESISTANCE:	9.3 Ohms/1000 ft nom
SHIELD RESISTANCE:	6.2 Ohms/1000 ft nom
MUTUAL CAPACITANCE:	44.02 pF/ft @ 1kHz nom
GROUND CAPACITANCE:	79.24 pF/ft @ 1kHz nom
CHARACTERISTIC IMPEDANCE:	42.8 Ohms @ 1MHz nom

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

1	Black
2	Red
3	White