

Part Number: E2100S Revision Level: 4 Date: 10/30/2007

2C 22 SOLID BC FLEX OAS FLEX

Sound, Alarm & Security Cable

A. CONSTRUCTION

DIAMETERS

Conductor:	#22 AWG Solid Bare Copper	0.025" nom.
Insulation:	0.007" Wall FLEXGUARD*	0.039" nom.
Cable:	2C @ 1.75" LHL with mylar wrap, AL / PE & # 22 7/30 TC DW	0.086" nom.
Jacket:	0.015" Wall FLEXGUARD* - Natural	0.116" +/- 0.006"
Print Legend:	CAROL A (R) 22 AWG - - E2100S - - 75C E60233-8 (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:	16.2 Ohms/1000 ft nom
SHIELD RESISTANCE:	6.2 Ohms/1000 ft nom
MUTUAL CAPACITANCE:	54.33 pF/ft @ 1kHz nom
GROUND CAPACITANCE:	97.79 pF/ft @ 1kHz nom
CHARACTERISTIC IMPEDANCE:	37.5 Ohms @ 1MHz nom

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

1	Black
2	Red