

General Cable Product Data Sheet

Part Number: E2482S

Revision Level: 2

Date: 10/26/2007

2C 22 SOLID BC SR-PVC OAS PVC

Fire Alarm/Life Safety Cable

A. CONSTRUCTION

Conductor:	#22 AWG Solid Bare Copper	0.025" nom.
Insulation:	0.010" Wall Semi Rigid Polyvinyl Chloride	0.045" nom.
Cable:	2C @ 1.00" LHL with mylar wrap, AL / PE & # 22 7/30 TC DW	0.096" nom.
Jacket:	0.015" Wall Polyvinyl Chloride - Red	0.126" +/- 0.006"
Print Legend:	CAROL (R) 22 AWG - - E2482S - - TYPE FPLR 75C E66267-8 (UL) - - MADE IN USA (DATE CODE & SEQUENTIAL FOOTAGE 1000' TO 0')	

DIAMETERS

B. INDUSTRY APPROVALS

National Electrical Code	Article 760
UL Standard 1424	Type FPLR

C. ELECTRICAL PROPERTIES

TEMPERATURE:	75C
SUGGESTED WORKING VOLTAGE (V _{rms}):	300V
CONDUCTOR D.C. RESISTANCE:	16.2 Ohms/1000 ft nom
SHIELD RESISTANCE:	6.2 Ohms/1000 ft nom
MUTUAL CAPACITANCE:	39.61 pF/ft @ 1kHz nom
GROUND CAPACITANCE:	71.3 pF/ft @ 1kHz nom
CHARACTERISTIC IMPEDANCE:	48.7 Ohms @ 1MHz nom

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

1	Black
2	Red