

Part Number: E2522S Revision Level: 9 Date: 9/26/2008

2C 16 SOLID BC SR-PVC OAS PVC

Fire Alarm/Life Safety Cable

A. CONSTRUCTION

DIAMETERS

Conductor:	#16 AWG Solid Bare Copper	0.051" nom.
Insulation:	0.010" Wall Semi Rigid Polyvinyl Chloride	0.071" nom.
Cable:	2C @ 2.5" LHL with mylar wrap, AL / PE & # 22 7/30 TC DW	0.150" nom.
Jacket:	0.015" Wall Polyvinyl Chloride - Red	0.180" +/- 0.009"
Print Legend:	CAROL A (R) 16 AWG – E2522S – TYPE FPLR 75C E66267-8 (UL) – MADE IN USA (DATE CODE + SEQUENTIAL FOOTAGE)	

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:	4.2 Ohms/1000 ft nom
SHIELD RESISTANCE:	6.2 Ohms/1000 ft nom
MUTUAL CAPACITANCE:	59.44 pF/ft @ 1kHz nom
GROUND CAPACITANCE:	106.99 pF/ft @ 1kHz nom
CHARACTERISTIC IMPEDANCE:	32.4 Ohms @ 1MHz nom

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

1	Black
2	Red