

General Cable Product Data Sheet

Part Number: E2524S

Revision Level: 4

Date: 10/26/2007

4C 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:	4C @ 2.50" LHL with mylar wrap, AL / PE & # 22 7/30 TC DW	0.180" nom.
Jacket:	0.015" Wall Polyvinyl Chloride - Red	0.210" +/- 0.011"
Print Legend:	CAROL (R) 16 AWG - - E2524S - - TYPE FPLR 75C E66267-8 (UL) - - MADE IN USA (DATE CODE & SEQUENTIAL FOOTAGE 1000' TO 0')	

B. INDUSTRY APPROVALS

National Electrical Code
UL Standard 1424

Article 760
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:	51.42 pF/ft @ 1kHz nom
GROUND CAPACITANCE:	92.56 pF/ft @ 1kHz nom
CHARACTERISTIC IMPEDANCE:	36.7 Ohms @ 1MHz nom

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

1	Black
2	Red
3	Brown
4	Blue