

Part Number: E2502S

Revision Level: 9

Date: 9/26/2008

2C 18 SOLID BC SRPVC OAS PVC
Fire Alarm/Life Safety Cable
A. CONSTRUCTION
DIAMETERS

Conductor:	#18 AWG Solid Bare Copper	0.040" nom.
Insulation:	0.010" Wall Semi Rigid Polyvinyl Chloride	0.060" nom.
Cable:	2C @ 2.25" LHL with mylar wrap, AL / PE & # 22 7/30 TC DW	0.128" nom.
Jacket:	0.015" Wall Polyvinyl Chloride - Red	0.158" +/- 0.008"
Print Legend:	CAROL A (R) 18 AWG - - E2502S - - 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:	6.4 Ohms/1000 ft nom
SHIELD RESISTANCE:	6.2 Ohms/1000 ft nom
MUTUAL CAPACITANCE:	51.9 pF/ft @ 1kHz nom
GROUND CAPACITANCE:	93.42 pF/ft @ 1kHz nom
CHARACTERISTIC IMPEDANCE:	37.1 Ohms @ 1MHz nom

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

1	Black
2	Red