

Part Number: E1508S

Revision Level: 1

Date: 10/25/2007

8C 18 SOLID BC SR-PVC 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:	8C @ 4.00" LHL	0.200" nom.
Jacket:	0.015" Wall Polyvinyl Chloride - Red	0.230" +/- 0.012"
Print Legend:	CAROL A (R) 18 AWG - - E1508S - -75C E66267-8 (UL) TYPE FPLR - - MADE IN USA (DATE CODE & SEQUENTIAL FOOTAGE 1000' TO 0')	

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:	6.4 Ohms/1000 ft nom
MUTUAL CAPACITANCE:	29.95 pF/ft @ 1kHz nom
CHARACTERISTIC IMPEDANCE:	64.2 Ohms @ 1MHz nom

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

1	Black
2	Red
3	Brown
4	Blue
5	Orange
6	Yellow
7	Violet
8	Gray