

# General Cable Product Data Sheet

Part Number: E3506S

Revision Level: 0

Date: 10/26/2007

## 6C 18 SOLID BC FLEX FLEX

## Fire Alarm/Life Safety Cable

### A. CONSTRUCTION

Conductor:	#18 AWG Solid Bare Copper	0.040" nom.
Insulation:	0.010" Wall FLEXGUARD*	0.060" nom.
Cable:	6C @ 4.00" LHL	0.181" nom.
Jacket:	0.015" Wall FLEXGUARD* - Red	0.211" +/- 0.011"
Print Legend:	<i>CAROL (R) 18 AWG - - E3506S - - 75C TYPE FPLP E66267-8 (UL) - - MADE IN USA (DATE CODE &amp; SEQUENTIAL FOOTAGE 1000' TO 0')</i>	

### DIAMETERS

### B. INDUSTRY APPROVALS

National Electrical Code  
UL Standard 1424

Article 760  
Type FPLP

### C. ELECTRICAL PROPERTIES

TEMPERATURE:	75C
SUGGESTED WORKING VOLTAGE (V <sub>rms</sub> ):	300V
CONDUCTOR D.C. RESISTANCE:	6.39 Ohms/1000 ft nom
MUTUAL CAPACITANCE:	33.44 pF/ft @ 1kHz nom
CHARACTERISTIC IMPEDANCE:	60.8 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

Note: Data are subject to change without notice. Contact your Customer Service representative for latest information.

\*FLEXGUARD is a trademark of General Cable Corporation for polymer alloy insulation and jackets.