

Part Number: E3504S

Revision Level: 4

Date: 10/26/2007

**4C 18 SOLID BC FLEX FLEX**

**Fire Alarm/Life Safety Cable**

**A. CONSTRUCTION**

Conductor: #18 AWG Solid Bare Copper  
 Insulation: 0.010" Wall FLEXGUARD\*  
 Cable: 4C @ 4.00" LHL  
 Jacket: 0.015" Wall FLEXGUARD\* - Red  
 Print Legend: *CAROL (R) 18 AWG - - E3504S - - 75C TYPE FPLP E66267-8 (UL) - - MADE IN USA (DATE CODE & SEQUENTIAL FOOTAGE 1000' TO 0')*

**DIAMETERS**

0.040" nom.  
 0.060" nom.  
 0.145" nom.  
 0.175" +/- 0.009"

**B. INDUSTRY APPROVALS**

National Electrical Code	Article 760
UL Standard 1424	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

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.