

# General Cable Product Data Sheet

Part Number: E3614S

Revision Level: 4

Date: 10/26/2007

**4C 16 SOLID BC FLEX OAS FLEX**

**Fire Alarm/Life Safety Cable**

**A. CONSTRUCTION**

**DIAMETERS**

Conductor:	#16 AWG Solid Bare Copper	0.051" nom.
Insulation:	0.010" Wall FLEXGUARD*	0.071" nom.
Cable:	4C @ 2.50" LHL with AL / PE & # 22 7/30 TC DW	0.180" nom.
Jacket:	0.015" Wall FLEXGUARD* - Red	0.210" +/- 0.011"
Print Legend:	<i>CAROL (R) 16 AWG - - E3614S - - 75C TYPE FPLP E66267-8 (UL) - - MADE IN USA (DATE CODE &amp; SEQUENTIAL FOOTAGE 1000' TO 0')</i>	

**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:	4.2 Ohms/1000 ft nom
SHIELD RESISTANCE:	6.2 Ohms/1000 ft nom
MUTUAL CAPACITANCE:	57.42 pF/ft @ 1kHz nom
GROUND CAPACITANCE:	103.36 pF/ft @ 1kHz nom
CHARACTERISTIC IMPEDANCE:	34.7 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.