

Part Number: E3634S

Revision Level: 4

Date: 10/26/2007

**4C 12 SOLID BC FLEX OAS FLEX**

**Fire Alarm/Life Safety Cable**

**A. CONSTRUCTION**

Conductor:	#12 AWG Solid Bare Copper	0.081" nom.
Insulation:	0.012" Wall FLEXGUARD*	0.105" nom.
Cable:	4C @ 3.00" LHL with AL / PE & # 18 AWG 16/30 TC DW	0.259" nom.
Jacket:	0.015" Wall FLEXGUARD* - Red	0.289" +/- 0.014"
Print Legend:	<i>CAROL (R) 12 AWG - - E3634S - - 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	Article 760
UL Standard 1424	Type FPLP

**C. ELECTRICAL PROPERTIES**

TEMPERATURE:	75C
SUGGESTED WORKING VOLTAGE (V <sub>rms</sub> ):	300V
CONDUCTOR D.C. RESISTANCE:	1.6 Ohms/1000 ft nom
SHIELD RESISTANCE:	4.2 Ohms/1000 ft nom
MUTUAL CAPACITANCE:	64.11 pF/ft @ 1kHz nom
GROUND CAPACITANCE:	115.4 pF/ft @ 1kHz nom
CHARACTERISTIC IMPEDANCE:	31.1 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.