

# General Cable Product Data Sheet

Part Number: E3632S

Revision Level: 3

Date: 10/26/2007

**2C 12 SOLID BC FLEX OAS FLEX**

**Fire Alarm/Life Safety Cable**

**A. CONSTRUCTION**

**DIAMETERS**

|               |   |                   |
|---------------|---|-------------------|
| Conductor:    | #12 AWG Solid Bare Copper   | 0.081" nom.       |
| Insulation:   | 0.012" Wall FLEXGUARD*  | 0.105" nom.       |
| Cable:        | 2C @ 2.75" LHL with AL / PE & # 18 AWG 16/30 TC DW  | 0.222" nom.       |
| Jacket:       | 0.015" Wall FLEXGUARD* - Red  | 0.252" +/- 0.013" |
| Print Legend: | <i>CAROL (R) 12 AWG - - E3632S - - 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:                     | 1.6 Ohms/1000 ft nom    |
| SHIELD RESISTANCE:                             | 4.2 Ohms/1000 ft nom    |
| MUTUAL CAPACITANCE:                            | 75.48 pF/ft @ 1kHz nom  |
| GROUND CAPACITANCE:                            | 135.86 pF/ft @ 1kHz nom |
| CHARACTERISTIC IMPEDANCE:                      | 27 Ohms @ 1MHz nom      |

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

|   |       |
|---|-------|
| 1 | Black |
| 2 | Red   |

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.