

Part Number: E3602S

Revision Level: 10

Date: 1/21/2009

### 2C 18 SOLID BC FLEX OAS FLEX

### Fire Alarm/Life Safety Cable

#### A. CONSTRUCTION

#### DIAMETERS

|               |                                                                                                                                   |                   |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------|-------------------|
| Conductor:    | #18 AWG Solid Bare Copper                                                                                                         | 0.040" nom.       |
| Insulation:   | 0.008" Wall FLEXGUARD*                                                                                                            | 0.056" nom.       |
| Cable:        | 2C @ 2.25" LHL with AL / PE & # 22 7/30 TC DW                                                                                     | 0.117" nom.       |
| Jacket:       | 0.015" Wall FLEXGUARD*                                                                                                            | 0.147" +/- 0.008" |
| Print Legend: | <b>CAROL A (R) 18 AWG - - E3602S - - 75C TYPE FPLP E66267-8 (UL) - - MADE IN USA (DATE CODE &amp; REVERSE SEQUENTIAL FOOTAGE)</b> |                   |

#### 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:                     | 6.4 Ohms/1000 ft nom   |
| SHIELD RESISTANCE:                             | 6.2 Ohms/1000 ft nom   |
| MUTUAL CAPACITANCE:                            | 65.7 pF/ft @ 1kHz nom  |
| GROUND CAPACITANCE:                            | 118.2 pF/ft @ 1kHz nom |
| CHARACTERISTIC IMPEDANCE:                      | 31 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.