

Part Number: E1512S

Revision Level: 2

Date: 9/26/2008

**2C 16 SOLID BC SR-PVC PVC**
**Fire Alarm/Life Safety Cable**
**A. CONSTRUCTION**

|               |                                                                                                                          |                   |
|---------------|--------------------------------------------------------------------------------------------------------------------------|-------------------|
| Conductor:    | #16 AWG Solid Bare Copper                                                                                                | 0.051" nom.       |
| Insulation:   | 0.010" Wall Semi-Rigid Polyvinyl Chloride                                                                                | 0.071" nom.       |
| Cable:        | 2C @ 4.00" Oscillated                                                                                                    | 0.142" nom.       |
| Jacket:       | 0.015" Wall Polyvinyl Chloride - Red                                                                                     | 0.172" +/- 0.009" |
| Print Legend: | <b>CAROL A (R) 16 AWG - - E1512S - -75C E66267-8 (UL) TYPE FPLR - - MADE IN USA (DATE CODE &amp; SEQUENTIAL FOOTAGE)</b> |                   |

**DIAMETERS**
**B. INDUSTRY APPROVALS**

 National Electrical Code  
 UL Standard 1424

 Article 760  
 Type FPLR

**C. ELECTRICAL PROPERTIES**

|                                                |                        |
|------------------------------------------------|------------------------|
| TEMPERATURE:                                   | 75C                    |
| SUGGESTED WORKING VOLTAGE (V <sub>rms</sub> ): | 300V                   |
| CONDUCTOR D.C. RESISTANCE:                     | 4.2 Ohms/1000 ft nom   |
| MUTUAL CAPACITANCE:                            | 32.99 pF/ft @ 1kHz nom |
| CHARACTERISTIC IMPEDANCE:                      | 58.3 Ohms @ 1MHz nom   |

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

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