

Part Number: E3024S

Revision Level: 1

Date: 10/29/2007

### 4C 20 7/28 BC FLEX FLEX

### Sound, Alarm & Security Cable

#### A. CONSTRUCTION

#### DIAMETERS

|               |                                                                                                                    |                   |
|---------------|--------------------------------------------------------------------------------------------------------------------|-------------------|
| Conductor:    | #20 AWG 7/28 Bare Copper                                                                                           | 0.036" nom.       |
| Insulation:   | 0.009" Wall FLEXGUARD*                                                                                             | 0.054" nom.       |
| Cable:        | 4C @ 4.00" LHL                                                                                                     | 0.131" nom.       |
| Jacket:       | 0.015" Wall FLEXGUARD* - Natural                                                                                   | 0.161" +/- 0.008" |
| Print Legend: | <b>CAROL A (R) 20 AWG – E3024S – 75C E111240-8 CMP(UL)C(UL) – MADE IN USA (DATE CODE &amp; SEQUENTIAL FOOTAGE)</b> |                   |

#### B. INDUSTRY APPROVALS

|                          |             |
|--------------------------|-------------|
| National Electrical Code | Article 725 |
| UL Standard 13           | Type CL3P   |
| National Electrical Code | Article 800 |
| UL Standard 444          | Type CMP    |

#### C. ELECTRICAL PROPERTIES

|                                   |                        |
|-----------------------------------|------------------------|
| TEMPERATURE:                      | 75C                    |
| SUGGESTED WORKING VOLTAGE (Vrms): | 300V                   |
| CONDUCTOR D.C. RESISTANCE:        | 9.3 Ohms/1000 ft nom   |
| MUTUAL CAPACITANCE:               | 31.04 pF/ft @ 1kHz nom |
| CHARACTERISTIC IMPEDANCE:         | 65.5 Ohms @ 1MHz nom   |

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

|   |       |
|---|-------|
| 1 | Black |
| 2 | Red   |
| 3 | White |
| 4 | Green |

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.