

General Cable Product Data Sheet

Part Number: E3542S

Revision Level: 0

Date: 10/26/2007

2C 22 SOLID BC FLEX OAS FLEX

Fire Alarm/Life Safety Cable

A. CONSTRUCTION

DIAMETERS

| | | |
|---------------|---|-------------------|
| Conductor: | #22 AWG Solid Bare Copper | 0.025" nom. |
| Insulation: | 0.010" Wall FLEXGUARD* | 0.010" nom. |
| Cable: | 2C @ 1.25" LHL with AL / PE & # 22 7/30 TC DW | 0.096" nom. |
| Jacket: | 0.015" Wall FLEXGUARD* - Red | 0.126" +/- 0.006" |
| Print Legend: | <i>CAROL (R) 22 AWG - - E3542S - - 75C TYPE FPLP E66267-8 (UL) - - MADE IN USA (DATE CODE & 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 _{rms}): | 300V |
| CONDUCTOR D.C. RESISTANCE: | 16.2 Ohms/1000 ft nom |
| SHIELD RESISTANCE: | 6.2 Ohms/1000 ft nom |
| MUTUAL CAPACITANCE: | 44.23 pF/ft @ 1kHz nom |
| GROUND CAPACITANCE: | 79.61 pF/ft @ 1kHz nom |
| CHARACTERISTIC IMPEDANCE: | 46 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.