

Part Number: E2502S

Revision Level: 9

Date: 9/26/2008

2C 18 SOLID BC SRPVC OAS PVC

Fire Alarm/Life Safety Cable

A. CONSTRUCTION

| | | |
|---------------|---|-------------------|
| Conductor: | #18 AWG Solid Bare Copper | 0.040" nom. |
| Insulation: | 0.010" Wall Semi Rigid Polyvinyl Chloride | 0.060" nom. |
| Cable: | 2C @ 2.25" LHL with mylar wrap, AL / PE & # 22 7/30 TC DW | 0.128" nom. |
| Jacket: | 0.015" Wall Polyvinyl Chloride - Red | 0.158" +/- 0.008" |
| Print Legend: | <i>CAROL A (R) 18 AWG - - E2502S - - TYPE FPLR 75C E66267-8 (UL) - - MADE IN USA (DATE CODE & SEQUENTIAL FOOTAGE 1000' TO 0')</i> | |

DIAMETERS

B. INDUSTRY APPROVALS

| | |
|--------------------------|-------------|
| National Electrical Code | Article 760 |
| UL Standard 1424 | Type FPLR |

C. ELECTRICAL PROPERTIES

| | |
|--|------------------------|
| TEMPERATURE: | 75C |
| SUGGESTED WORKING VOLTAGE (V _{rms}): | 300V |
| CONDUCTOR D.C. RESISTANCE: | 6.4 Ohms/1000 ft nom |
| SHIELD RESISTANCE: | 6.2 Ohms/1000 ft nom |
| MUTUAL CAPACITANCE: | 51.9 pF/ft @ 1kHz nom |
| GROUND CAPACITANCE: | 93.42 pF/ft @ 1kHz nom |
| CHARACTERISTIC IMPEDANCE: | 37.1 Ohms @ 1MHz nom |

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

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