

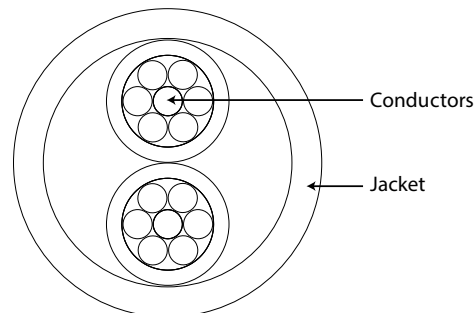
## TECHNICAL SPECIFICATIONS

Multi  
Conductor

**L1802-1006**

### Industry Approvals:

- National Electrical Code Article 725
- UL Standard 13 Type CL3R
- National Electrical Code Article 760
- UL Standard 1424 Type FPLR
- National Electrical Code Article 800
- UL Standard 444 Type CMR
- EU Directive 2011/65/EU RoHS Compliant



**Part Number: L1802 - 1006 - CC - CC**

Base Jacket Color Put Up

See Complete Color and Put Up Legends Below

### Construction:

| Component          | Description                                                                                                                                                                                           | Specification           |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| Conductor:         | 18 AWG (7/26) Bare Copper                                                                                                                                                                             | 0.045" Nominal diameter |
| Insulation:        | 0.008" Wall, Semi Rigid Polyvinyl Chloride (SR-PVC)                                                                                                                                                   | 0.061" Nominal diameter |
| Cable Assembly:    | 2 Conductors with a 6.0" LHL                                                                                                                                                                          | 0.150" Nominal diameter |
| Ripcord:           | Yes                                                                                                                                                                                                   |                         |
| Jacket:            | 0.015" Wall, Polyvinyl Chloride (PVC)                                                                                                                                                                 | 0.180" ± .008" diameter |
| Sequential Footage |                                                                                                                                                                                                       | Every 2 feet            |
| Print Legend:      | LIBERTY L1802-1006 18 AWG 2 COND STR BC PVC/PVC JKT E340599-(**) (cULus logo) CMR/CL3R FT4 OR (UL LOGO) FPLR 75c MADE IN (C00) (DATE CODE MM/YY) DEVICE A B C D E F ZONE 0 1 2 3 4 5 6 7 8 9 *** (FT) |                         |

### Physical & Electrical Properties:

|                             |                                   |
|-----------------------------|-----------------------------------|
| Temperature:                | -20°C to +75°C                    |
| Voltage:                    | 300 Vrms (Maximum)                |
| Conductor Resistance (DCR): | 4.19 Ohms/1000ft (Maximum) @ 20°C |
| Capacitance (Cond-Cond):    | 34.0 pF/ft (Nominal) @ 1kHz       |
| Characteristic Impedance:   | 57.0 Ohms (Nominal) @ 1MHz        |

### Conductor Color Code:

| Conductor | Color |
|-----------|-------|
| 1         | Black |
| 2         | Red   |

### Put Up Legend:

|           |                     |
|-----------|---------------------|
| <b>10</b> | 1000 Foot Box       |
| <b>11</b> | 1000 Foot Reel      |
| <b>50</b> | 500 Foot Box        |
| <b>51</b> | 500 Spool in Carton |

### Jacket Color:

|           |       |           |        |           |              |
|-----------|-------|-----------|--------|-----------|--------------|
| <b>01</b> | White | <b>05</b> | Yellow | <b>09</b> | Gray (Slate) |
| <b>02</b> | Black | <b>06</b> | Blue   | <b>10</b> | Purple       |
| <b>03</b> | Red   | <b>07</b> | Brown  | <b>11</b> | Beige        |
| <b>04</b> | Green | <b>08</b> | Orange | <b>15</b> | Natural      |