



# Specification Sheet

## Lake Cable Part #: SB182EPS

**Description:** 18 AWG 2 pair 7 strands bare copper wire, PVC insulation, individually shielded, with an overall PVC jacket. UL 1309 Marine Shipboard cable

### 1. Conductor

- 1.1. AWG Size & Stranding: 18 AWG 7 Strands Class B
- 1.2. Material: Annealed Bare Copper
- 1.3. Conductor Count: 2 Pair

### 2. Insulation

- 2.1. Material: Polyvinylchloride
- 2.2. Wall Thickness: 0.025"
- 2.3. Color Code: Black & White numbered pairs

### 3. Assembly

- 3.1. Pair Lay Length: 2.00" LHL (6.00 Tw/Ft) Nom.
- 3.2. Pair Drain wire: 20 AWG 7 Strand Tinned Copper
- 3.3. Pair Shield: FFE Aluminum Mylar
- 3.4. Cable Lay Length: 4.00" LHL (3.00 Tw/Ft) Nom.
- 3.5. Cable Drain wire: N/A
- 3.6. Cable Shield: N/A
- 3.7. Cable Binder: Clear Mylar - 100% Coverage

### 4. Jacket

- 4.1. Material: Polyvinylchloride
- 4.2. Wall Thickness: 0.045"
- 4.3. Diameter: 0.438"
- 4.4. Color: Gray
- 4.5. Ripcord: Yes
- 4.6. Weight: 94 Lbs/Mft

### 5. Markings

- 5.1. Type: Cable permanently identified via surface inkjet print
- 5.2. Legend: LAKE CABLE E300716 18AWG 2PR SHLD (UL) 1309 300V 75°C TP18T75T(I/S)-2  
ALSO CLASSIFIED IN ACCORDANCE WITH IEEE-1580-2010 FT-4 (YEAR OF MFG)  
"ROHS II" MADE IN USA
- 5.3. Footage Markers: Yes

### 6. Standards

- 6.1. UL listed as type Marine Shipboard Cable per UL standard 1309
- 6.2. Meets requirements of IEEE 1580-2010
- 6.3. Cable is USCG and ABS approved
- 6.4. All materials used in the manufacture of this cable are RoHS II & REACH compliant
- 6.5. Recommended Operating Voltage: 300V
- 6.6. Made in the USA

**Your signature constitutes that you have read and agreed to this specification sheet and upon confirmation of your order; this item may be non-cancelable and non-returnable.**

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Company

**ALL SPECIFIED PARAMETERS ARE NOMINAL AND SUBJECT TO VERIFICATION**