



# Specification Sheet

## Lake Cable Part #: TXH1819EPS

**Description:** 18 AWG 19 pair 7 strand bare copper wire, XLPE insulation, shielded with an overall LSZH jacket

### 1. Conductor

- 1.1. AWG Size & Stranding: 18 AWG 7 Strands Class B
- 1.2. Material: Annealed Bare Copper
- 1.3. Conductor Count: 19 Pairs

### 2. Insulation

- 2.1. Material: Cross-linked Polyethylene
- 2.2. Wall Thickness: 0.015"
- 2.3. Color Code: Black & White numbered

### 3. Assembly

- 3.1. Pair Lay Length: 2.25" LHL (5.33 Tw/Ft)
- 3.2. Pair Drain Wire: 20 AWG 7 Strand Tinned Copper
- 3.3. Pair Shield: FFE Aluminum Mylar - 100% coverage
- 3.4. Cable Lay Length: 9.75" LHL (1.23 Tw/Ft)
- 3.5. Cable Binder: Clear Mylar

### 4. Jacket

- 4.1. Material: Low Smoke FR Zero Halogen Polyolefin
- 4.2. Wall Thickness: 0.060"
- 4.3. Diameter: 0.783" +/- 0.065"
- 4.4. Color: Black
- 4.5. Ripcord: Yes
- 4.6. Weight: 460 Lbs/Mft

### 5. Markings

- 5.1. Type: Cable shall be permanently identified via surface inkjet print
- 5.2. Legend: LAKE CABLE E208158 18AWG 19PR 105°C SHIELDED (UL) ITC-LS LSZH JACKET  
SUN RES OR PLTC-LS "ROHS II" MADE IN USA
- 5.3. Footage Markers: Yes

### 6. Standards

- 6.1. Cable suitable for installations under NEC (NFPA 70) article 725 and 727 guidelines
- 6.2. UL listed as Type PLTC-LS per UL Standard 13, Type ITC-LS per UL Standard 2250
- 6.3. Cable is suitable for use in Class I Division 2 hazardous locations
- 6.4. UL approved for Sunlight Resistant & Low Smoke applications
- 6.5. All materials used in the manufacture of this cable are RoHS II & REACH compliant
- 6.6. Maximum Operating Voltage: 300V RMS
- 6.7. 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.

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Signature

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Company

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Date

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