



# Specification Sheet

## Lake Cable Part #: T182S/22DR

**Description:** 18 AWG 2 conductor 7 strand bare copper wire, PVC insulation, shielded, with an overall PVC jacket. (UL) ITC or PLTC 105°C Sun Res Dir Bur FT-4

### 1. Conductor

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

### 2. Insulation

- 2.1. Material: Polyvinylchloride
- 2.2. Wall Thickness: 0.016"
- 2.3. Color Code: Black, White

### 3. Assembly

- 3.1. Nominal Lay Length: 2.25" LHL (5.33 Tw/Ft)
- 3.2. Shield: Aluminum/Mylar Tape - 100% Coverage
- 3.3. Drain Wire: 22 AWG 7 Strand Tinned Copper

### 4. Jacket

- 4.1. Material: Polyvinylchloride
- 4.2. Wall Thickness: 0.035"
- 4.3. Diameter: 0.228" ± 0.020"
- 4.4. Color: Black
- 4.5. Ripcord: Yes
- 4.6. Cold Bend Rating: -40°C
- 4.7. Weight: 31 Lbs/Mft

### 5. Electricals

- 5.1. Capacitance: 32.48 pF/ft
- 5.2. Impedance: 54.20 Ω
- 5.3. DC Resistance: 6.66 Ω/MFT Max @ 20°C

### 6. Markings

- 6.1. Type: Cable shall be permanently identified via surface inkjet print
- 6.2. Legend: LAKE CABLE E208158 18AWG 2C 105°C SHIELDED (UL) ITC SUN RES DIR BUR OR PLTC OR CL3 FT-4 "WET LOCATIONS" "ROHS COMPLIANT" MADE IN USA
- 6.3. Footage Markers: Yes

### 7. Standards

- 7.1. Cable suitable for installations under NEC (NFPA 70) article 725 and article 727 guidelines
- 7.2. UL listed as type PLTC & CL3 per UL standard 13 and as type ITC per UL standard 2250
- 7.3. Cable is suitable for use in Class I Division 2 hazardous locations
- 7.4. Cable is UL approved for Sunlight Resistant and Direct Burial Applications.
- 7.5. Meets IEEE 1202 flame test
- 7.6. Cable is RoHS III compliant per Directive 2015/863/EU
- 7.7. Cable is REACH compliant per Regulation (EC) No 1907/2006 Updated July, 7 2017
- 7.8. Recommended Operating Voltage: 300V RMS
- 7.9. 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**