



Specification Sheet

Lake Cable Part #: T182ST(16)/X-18

Description: 18 AWG 2 conductor 16 strand tinned copper wire, PVC insulation, shielded, with an overall PVC jacket.

1. Conductor

- 1.1. AWG Size & Stranding: 18 AWG 16 Strands Class C
- 1.2. Material: Annealed Tinned Copper
- 1.3. Conductor Count: 2 Conductors

2. Insulation

- 2.1. Material: Polyvinylchloride
- 2.2. Wall Thickness: 0.016"
- 2.3. Diameter: 0.078" ± 0.002"
- 2.4. Color Code: Black, Yellow

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: 20 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: Gray
- 4.5. Ripcord: Yes
- 4.6. Weight: 32 Lbs/Mft

5. Markings

- 5.1. Type: Cable shall be permanently identified via surface inkjet print
- 5.2. Legend: LAKE CABLE E208158 18AWG 2C 105C SHIELDED (UL) ITC SUN RES DIR BUR OR PLTC OR CL3 FT4 "WETLOCATIONS" "ROHS COMPLIANT" MADE IN USA
- 5.3. Footage Markers: Yes

6. Standards

- 6.1. Cable suitable for installations under NEC (NFPA 70) article 725 and article 727 guidelines
- 6.2. UL listed as type PLTC & CL3 per UL standard 13 and as type ITC per UL standard 2250
- 6.3. Cable is suitable for use in Class I Division 2 hazardous locations
- 6.4. Cable is UL approved for Sunlight Resistant and Direct Burial Applications.
- 6.5. Meets IEEE 1202 flame test
- 6.6. Cable meets RoHS 2002/95/EC Directive, RoHS 2 2011/65/EU Directive, RoHS 3 2015/863/EU Directive
- 6.7. Cable is REACH compliant per Regulation (EC) No 1907/2006 (197) Updated January 15, 2019
- 6.8. Operating Voltage: 300V RMS
- 6.9. Made in the USA
- 6.10. ⚠️ WARNING: This product may contain chemicals, such as Vinyl Chloride, known to the state of California to cause cancer. For more information, go to www.P65Warnings.ca.gov. Wash hands after handling

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

Date

ALL SPECIFIED PARAMETERS ARE NOMINAL AND SUBJECT TO VERIFICATION