



Specification Sheet

Lake Cable Part #: T183ST(16)/X-18

Description: 18 AWG 3 conductor 16 strand tinned 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 16 Strands Class C
- 1.2. Material: Annealed Tinned Copper
- 1.3. Conductor Count: 3 Conductors

2. Insulation

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

3. Assembly

- 3.1. Nominal Lay Length: 2.75" LHL (4.36 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: 0.240" ± 0.020"
- 4.4. Color: Gray
- 4.5. Ripcord: Yes
- 4.6. Weight: 40 Lbs/Mft

5. Markings

- 5.1. Type: Cable shall be permanently identified via surface inkjet print
- 5.2. Legend: LAKE CABLE E208158 18AWG 3C 105°C SHIELDED (UL) ITC SUN RES DIR BUR OR PLTC OR CL3 FT-4 "WETLOCATIONS" "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 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. All materials used in the manufacture of this cable are RoHS II & REACH compliant
- 6.7. Recommended Operating Voltage: 300V RMS
- 6.8. 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

Date

ALL SPECIFIED PARAMETERS ARE NOMINAL AND SUBJECT TO VERIFICATION