



# Specification Sheet

## Lake Cable Part #: SVIGT187ST10GXER

**Description:** 18 AWG 7 conductor 16 strand tinned copper with PVC/Nylon insulation, a PVC/Nylon insulated tinned copper ground conductor, an aluminum/mylar shield with a stranded tinned copper drain wire with an overall PVC jacket 600V control tray cable, approved for use in SUN RES DIR BUR OIL RES I & II 90°C applications. Also approved for CIC-TC C(UL) 600V & CSA AWM.

- 1. Conductor**
  - 1.1. AWG Size & Stranding: 18 AWG 16 Strands Class K
  - 1.2. Material: Annealed Tinned Copper
  - 1.3. Conductor Count: 7 Conductors
- 2. Insulation**
  - 2.1. Material: Polyvinylchloride & Nylon
  - 2.2. Wall Thickness: 0.015" PVC & 0.005" Nylon
  - 2.3. Color Code: Black, White, Red, Orange, Blue, Brown, Yellow + (1) Green Ground
- 3. Assembly**
  - 3.1. Cable Lay Length: 5.00" LHL
  - 3.2. Ground: Insulated (Green)- 10 AWG 19 Strand Tinned Copper
  - 3.3. Fillers: N/A
  - 3.4. Cable Binder: N/A
  - 3.5. Shield: Aluminum/Mylar Tape - 100% coverage
  - 3.6. Drain Wire: 20 AWG, 7 Strand Tinned Copper
- 4. Jacket**
  - 4.1. Material: Polyvinylchloride
  - 4.2. Wall Thickness: 0.045"
  - 4.3. Diameter: 0.427"
  - 4.4. Color: Gray
  - 4.5. Ripcord: Yes
  - 4.6. Cold Bend Rating: -40°C
  - 4.7. Weight: 130 lbs/Mft
- 5. Markings**
  - 5.1. Type: Cable shall be permanently identified via surface inkjet print
  - 5.2. Legend: ITL P/N CBL-TC18-7S1 E208309 18AWG 7C SHIELDED (UL) TC-ER PVC/NYLON INSULATED GROUND 600V 90°C DRY/WET PVC JACKET SUN RES DIR BUR OIL RES I & II OR CIC-TC C(UL) 18AWG 7C SHIELDED PVC/N INSULATED GROUND 600V FT1 FT4 90°C DRY 75°C WET SR OR CSA 226471 AWM A/B I/II 90°C 600V FT1 FT2 FT4 -40°C "ROHS II" MADE IN USA
  - 5.3. Footage Markers: Yes
- 6. Standards**
  - 6.1. Refer to NEC (NFPA 70) article 336 for installation guidelines
  - 6.2. Cable is suitable for use in Class I Division II hazardous locations
  - 6.3. UL listed as Type TC-ER per UL Standard 1277 for tray cables
  - 6.4. UL approved for Direct Burial, Sunlight and Oil I & II Resistant applications
  - 6.5. Cable meets UL 1581 & 1202 (FT-4) 70,000 BTU/HR & ICEA T-29-520 210,000 BTU/HR requirements
  - 6.6. Listed as Type CIC-TC per CSA Standard C22.2 No. 239-09 & No. 230-09 for instrumentation and control cable and tray cables
  - 6.7. CSA listed as Type AWM per CSA Standard 22.2 No. 210-11 for appliance wiring material products
  - 6.8. All materials used in the manufacture of this cable are RoHS II & REACH compliant
  - 6.9. 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.**

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Company

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