



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

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" ± 0.035"
- 4.4. Color: Black
- 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 DRY 75°C WET 600V FT1 FT2 FT4 -40°C "ROHS COMPLIANT" 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 2 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. 239-17 & 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. Cable is RoHS III compliant per Directive 2015/863/EU
- 6.9. Cable is REACH compliant per Regulation (EC) No 1907/2006 Updated July, 7 2017
- 6.10. Made in the USA

ALL SPECIFIED PARAMETERS ARE NOMINAL AND SUBJECT TO VERIFICATION

***Client expressly indemnifies Lake Cable, LLC for any liabilities relating in any way to Lake Cable's placement of markings on the product, when such markings are specified for such placement by the client.**

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