



Specification Sheet

Lake Cable Part #: SVT125S/M3E2-ER

Description: 12 AWG 5 conductor 7 strand bare copper with polyvinylchloride and nylon insulation an aluminum/mylar shield with a tinned copper drain wire and overall PVC jacket 600V tray cable, approved for use in SUN RES DIR BUR OIL RES I & II 90°C applications.

1. Conductor

- 1.1. AWG Size & Stranding: 12 AWG 7 Strands Class B
- 1.2. Material: Annealed Bare Copper
- 1.3. Conductor Count: 5 Conductors

2. Insulation

- 2.1. Material: Polyvinylchloride & Nylon
- 2.2. Wall Thickness: 0.015" PVC & 0.005" Nylon
- 2.3. Color Code: Method 1, Table E-2 & numbered

3. Assembly

- 3.1. Lay Length: 5.25" LHL
- 3.2. Fillers: N/A
- 3.3. Binder: N/A
- 3.4. Shield: Aluminum/Mylar Tape - 100% Coverage
- 3.5. Drain Wire: 16 AWG 7 Strands Tinned Copper

4. Jacket

- 4.1. Material: Polyvinylchloride
- 4.2. Wall Thickness: 0.045"
- 4.3. Diameter: 0.447" ± 0.035"
- 4.4. Color: Black
- 4.5. Ripcord: Yes
- 4.6. Weight: 172 lbs./Mft.

5. Markings

- 5.1. Type: Cable shall be permanently identified via surface inkjet print
- 5.2. Legend: LAKE CABLE E208309 12AWG 5C SHIELDED (UL) TC-ER THWN-2/VW-1 600V 90°C DRY/WET PVC JACKET SUN RES DIR BUR OIL RES I & II FT4 "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. Individual conductors pass UL VW-1 flame test, rated THWN-2/VW-1
- 6.6. Cable meets UL 1581 & 1202 (FT-4) 70,000 BTU/HR & ICEA T-29-520 210,000 BTU/HR requirements
- 6.7. Cable is RoHS III compliant per Directive 2015/863/EU
- 6.8. Cable is REACH compliant per Regulation (EC) No 1907/2006 Updated July, 7 2017
- 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

Date

ALL SPECIFIED PARAMETERS ARE NOMINAL AND SUBJECT TO VERIFICATION