



Specification Sheet

Lake Cable Part #: SV183ST-18

Description: 18 AWG 3 conductor 7 strand tinned copper with polyvinylchloride and nylon insulation, shielded, with an overall PVC jacket.

1. Conductor

- 1.1. AWG Size & Stranding: 18 AWG 7 Strands Class B
- 1.2. Material: Annealed Tinned Copper
- 1.3. Conductor Count: 3 Conductors

2. Insulation

- 2.1. Material: Polyvinylchloride & Nylon
- 2.2. Wall Thickness: 0.016" PVC & 0.005" Nylon
- 2.3. Diameter: 0.087" ± 0.002"
- 2.4. Color Code: Black, White, Red

3. Assembly

- 3.1. Lay Length: 3.00" LHL (4.00 Tw/Ft)
- 3.2. Drain Wire: 20 AWG 7 Strand Tinned Copper
- 3.3. Shield: Aluminum/Mylar - 100% Coverage (Foil Out)

4. Jacket

- 4.1. Material: Tube Extruded Polyvinylchloride
- 4.2. Wall Thickness: 0.050"
- 4.3. Diameter: 0.288" ± 0.025"
- 4.4. Color: Gray
- 4.5. Ripcord: N/A
- 4.6. Weight: 51 lbs./Mft.

5. Markings*

- 5.1. Type: Cable shall be permanently identified via surface inkjet print
- 5.2. Legend: E208309 18AWG 3C SHILED (UL) TC-ER PVC/NYLON 600V 90C DRY/WET PVC JACKET SUN RES DIR BUR FT4 OR CSA LL226471 AWM I/II A/B 90C 600V FT1 FT2 FT4 -40C "ROHS COMPLIANT" MADE IN USA
- 5.3. Footage Markers: N/A

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 and Sunlight Resistant applications
- 6.5. Cable meets IEEE 1202 flame test
- 6.6. CSA recognized component AWM I/II A/B per CSA Standard C22.2 No. 210-17
- 6.7. Cable meets RoHS 2002/95/EC Directive, RoHS 2 2011/65/EU Directive & RoHS 3 2015/863/EU Directive
- 6.8. Cable is REACH compliant per Regulation (EC) No 1907/2006 (224) Updated June 10, 2022
- 6.9. Operating Voltage: 600V RMS
- 6.10. Made in the USA

6.11. **⚠ WARNING:** This product may contain chemicals, such as Vinyl Chloride, known to the state of California to cause birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov. Wash hands after handling

ALL SPECIFIED PARAMETERS WITHOUT A TOLERANCE ARE NOMINAL AND SUBJECT TO VERIFICATION. LAKE CABLE IS NOT RESPONSIBLE FOR UNKNOWN PERFORMANCE ATTRIBUTES THAT WERE NOT MADE KNOWN TO LAKE CABLE AT THE TIME OF DESIGN.

***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.

Nancy J. MacEne

 Signature

IEWC

 Company

1/26/2023

 Date