



Specification Sheet

Lake Cable Part #: SVT1616S(26)-PLT/X-ER

Description: 16 AWG 16 conductors 26 strands bare copper wire with PVC/Nylon insulation, shielded and an overall PVC jacket.

1. Conductor

- 1.1. AWG Size & Stranding: 16 AWG 26 Strands Class K
- 1.2. Material: Annealed Bare Copper
- 1.3. Conductor Count: 16 Conductors

2. Insulation

- 2.1. Material: PVC/ Nylon
- 2.2. Wall Thickness: 0.016" PVC & 0.005" Nylon
- 2.3. Color Code: Black #1, Brown #2, Red #3, Orange #4, Yellow #5, Green #6, Blue #7, Purple #8, Gray #9, White #10, White/Black #11, White/Brown #12, White/Red #13, White/Orange #14, White/Yellow #15, White/Green #16 (Alphanumeric Print)

3. Cable Assembly

- 3.1. Lay Length: 5.50" LHL, Nominal
- 3.2. Filler: Fibrillated PP - As Needed
- 3.3. Binder: Clear Mylar Tape - 100% Coverage
- 3.4. Shield: Aluminum/Mylar Tape - 100% Coverage
- 3.5. Drain Wire: 16 AWG 26 Strands Tinned Copper

4. Jacket

- 4.1. Material: Pressure Extruded PVC
- 4.2. Wall Thickness: 0.065"
- 4.3. Diameter: 0.607" ± .025"
- 4.4. Color: Black
- 4.5. Ripcord: N/A
- 4.6. Cold Bend Rating: -40° C
- 4.7. Weight: 281 lbs./Mft.

5. Markings

- 5.1. Type: Cable permanently identified via surface inkjet print
- 5.2. Legend: LAKE CABLE E208309 16AWG 16C SHIELDED (UL) TC-ER 90C DRY/WET 600V SUN RES OIL RES I & II OR MTW OR PLTC 105C OR CSA LL226471 AWM I/II A/B 105C 600V FT4 "ROHS COMPLIANT" MADE IN USA **CE**
- 5.3. Footage Markers: N/A

6. Standards

- 6.1. Refer to NEC (NFPA 70) article 336 for installation guidelines
- 6.2. UL listed as Type TC-ER per UL Standard 1277, type MTW per UL Standard 1063, type PLTC per UL Standard 13
- 6.3. CSA recognized component AWM I/II A/B per CSA Standard C22.2 No. 210-15
- 6.4. Product is marked CE in accordance with EC Declaration of Conformity
- 6.5. Cable is suitable for use in Class I Division 2 hazardous locations
- 6.6. Operating Temperature: -40C to 105C
- 6.7. Operating Voltage: 600V RMS
- 6.8. Cable meets UL 1581 & 1202 (FT-4) 70,000 BTU/HR & ICEA T-29-520 210,000 BTU/HR requirements
- 6.9. Cable meets RoHS 2002/95/EC Directive, RoHS 2 2011/65/EU Directive, RoHS 3 2015/863/EU Directive
- 6.10. Cable is REACH compliant per Regulation (EC) No 1907/2006 (197) Updated January 15, 2019
- 6.11. Made in the USA
- 6.12. **⚠ 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

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 WITHOUT A TOLERANCE ARE NOMINAL AND SUBJECT TO VERIFICATION