



# Specification Sheet

## Lake Cable Part #: SVIG169(26)/TPE-ASC

**Description:** 16 AWG 9 conductor 26 strands bare copper wire with PVC/Nylon insulation, a PVC/Nylon insulated bare copper ground conductor, unshielded, with an overall TPE jacket 600V control tray cable, approved for use in SUN RES DIR BUR 90°C applications.

**1. Conductor**

- 1.1. AWG Size & Stranding: 16 AWG 26 Strands Class K
- 1.2. Material: Annealed Bare Copper
- 1.3. Conductor Count: 9 Conductors + (1) Insulated Green/Yellow Ground

**2. Insulation**

- 2.1. Material: Polyvinylchloride & Nylon
- 2.2. Wall Thickness: 0.015" PVC & 0.005" Nylon
- 2.3. Conductor Diameter: 0.098" ± .002"
- 2.4. Color Code: Black and Numbered + (1) Green/Yellow Insulated Ground

**3. Assembly**

- 3.1. Ground: Insulated (Green/Yellow) - 16 AWG 26 Strand Bare Copper
- 3.2. Fillers: Fibrillated Polypropylene - As Necessary for a Circular Cross-Section
- 3.3. Binder: Tissue Tape - 100% Coverage

**4. Jacket**

- 4.1. Material: Pressure Extruded TPE
- 4.2. Wall Thickness: 0.045"
- 4.3. Diameter: 0.494 ± 0.030"
- 4.4. Color: Black
- 4.5. Ripcord: No
- 4.6. Cold Bend: -40°C
- 4.7. Weight: 160 lbs./Mft.

**5. Markings\***

- 5.1. Type: Cable shall be permanently identified via surface inkjet print
- 5.2. Legend: ASCENT E478019-LU 16AWG 9C (UL) TC-ER PVC/NYLON INSULATED GROUND 600V 90C DRY/WET TPE JACKET SUN RES DIR BUR FT4 "ROHS COMPLIANT" MADE IN USA
- 5.3. Footage Markers: Yes (Ascending)

**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 UL 1581 & 1202 (FT-4) 70,000 BTU/HR & ICEA T-29-520 210,000 BTU/HR requirements
- 6.6. Meets ICEA S-73-532, where applicable
- 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 (240) Updated January 23, 2024
- 6.9. Made in the USA
- 6.10. ⚠️ 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](http://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.

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Signature

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Company

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Date