



# Specification Sheet

## Lake Cable Part #: SV144S(41)BRD

**Description:** 14 AWG 4 conductors 41 strands bare copper wire with PVC insulation, shielded and an overall PVC jacket.

**1. Conductor**

- 1.1. AWG Size & Stranding: 14 AWG 41 Strands Class K
- 1.2. Material: Annealed Bare Copper
- 1.3. Conductor Count: 4 Conductors

**2. Insulation**

- 2.1. Material: PVC
- 2.2. Wall Thickness: 0.032"
- 2.3. Diameter: 0.136" ± .002"
- 2.4. Color Code: Black & Numbered (1-3), Green/Yellow

**3. Cable Assembly**

- 3.1. Lay Length: 5.00" LHL, Nominal
- 3.2. Filler: Fibrillated PP - As Needed
- 3.3. Binder: Clear Mylar Tape - 100% Coverage
- 3.4. Shield: Aluminum/Mylar/Aluminum Tape - 100% Coverage
- 3.5. Drain Wire: 14 AWG 41 Strands Tinned Copper
- 3.6. Braid: 36AWG Tinned Copper - 70% Min. Coverage

**4. Jacket**

- 4.1. Material: Tube Extruded PVC
- 4.2. Wall Thickness: 0.069"
- 4.3. Diameter: 0.495" ± 0.020"
- 4.4. Color: Black
- 4.5. Ripcord: N/A
- 4.6. Cold Bend Rating: -40°C
- 4.7. Weight: 168 lbs./Mft.

**5. Markings**

- 5.1. Type: Cable permanently identified via surface inkjet print
- 5.2. Legend: LAKE CABLE E208309 14AWG 4C SHIELDED (UL) TC-ER 600V 90C SUN RES DIR BUR OR CSA LL226471 AWM I/II A/B 90C 600V FT4 "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. CSA component AWM I/II A/B per CSA Standard C22.2 No. 210-15
- 6.5. Operating Temperature: -40C to 90C
- 6.6. Operating Voltage: 600V RMS
- 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 (235) Updated June 14, 2023
- 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*

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. LAKE CABLE IS NOT RESPONSIBLE FOR UNKNOWN PERFORMANCE ATTRIBUTES THAT WERE NOT MADE KNOWN TO LAKE CABLE AT THE TIME OF DESIGN.**