



Specification Sheet

Lake Cable Part #: SV144/X

Description: 14 AWG 4 conductors 7 strands bare copper wire with polyvinylchloride and nylon insulation, tissue separator + fibrillated poly filler with an overall PVC jacket. 600V control tray cable, approved for use in SUN RES DIR BUR 90°C applications.

1. Conductor

- 1.1. AWG Size & Stranding: 14 AWG 7 Strands Class B
- 1.2. Material: Annealed Bare Copper
- 1.3. Conductor Count: 4 Conductors

2. Insulation

- 2.1. Material: Polyvinylchloride & Nylon
- 2.2. Wall Thickness: 0.015" PVC & 0.005" Nylon
- 2.3. Color Code: Black, Red, Blue, Green

3. Cable Assembly

- 3.1. Lay Length: 4.00" LHL (3.0 tw/ft), Nominal
- 3.2. Filler: As needed for a circular cross section
- 3.3. Shield: N/A
- 3.4. Drain Wire: N/A
- 3.5. Separator: Tissue Paper - 100% Coverage

4. Jacket

- 4.1. Material: Pressure Extruded Polyvinylchloride
- 4.2. Wall Thickness: 0.045"
- 4.3. Diameter: 0.366" ± 0.015"
- 4.4. Convolution Standard: Level 2 or Better
- 4.5. Color: Black
- 4.6. Ripcord: N/A
- 4.7. Cold Bend Rating: -40°C
- 4.8. Weight: 108 lbs./Mft.

5. Markings

- 5.1. Type: Cable permanently identified via surface inkjet print
- 5.2. Legend: LAKE CABLE E208309 14AWG 4C (UL) TC-ER THWN-2/VW-1 600V 90C DRY/WET PVC JACKET SUN RES DIR BUR 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. UL approved for Direct Burial and Sunlight Resistant applications
- 6.5. Operating Temperature: -40C to 90C
- 6.6. Cable must be round to a convolution standard level 2 or better
- 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 Updated June, 27 2018
- 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. Wash hands after handling

ALL SPECIFIED PARAMETERS ARE NOMINAL AND SUBJECT TO VERIFICATION

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