



# Specification Sheet

Lake Cable Part #: V103/X

**Description:** 10 AWG 3 conductor 7 strand bare copper with polyvinylchloride and nylon insulation, unshielded 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: 10 AWG 7 Strands Class B
- 1.2. Material: Annealed Bare Copper
- 1.3. Conductor Count: 3 Conductors

**2. Insulation**

- 2.1. Material: Polyvinylchloride & Nylon
- 2.2. Wall Thickness: 0.020" PVC & 0.005" Nylon
- 2.3. Color Code: Black, White, Green

**3. Assembly**

- 3.1. Lay Length: 5.50" LHL
- 3.2. Fillers: N/A
- 3.3. Binder: N/A
- 3.4. Shield: N/A
- 3.5. Drain Wire: N/A

**4. Jacket**

- 4.1. Material: Polyvinylchloride
- 4.2. Wall Thickness: 0.045"
- 4.3. Diameter: 0.443"
- 4.4. Color: Black
- 4.5. Ripcord: Yes
- 4.6. Cold Bend Rating: -40°C
- 4.7. Weight: 162 lbs./Mft.

**5. Markings**

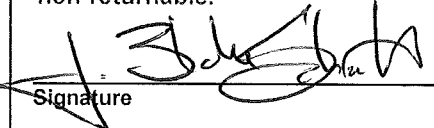
- 5.1. Type: Cable shall be permanently identified via surface inkjet print
- 5.2. Legend: LAKE CABLE E208309 10AWG 3C (UL) TC-ER THWN-2/VW-1 600V 90°C DRY/WET PVC JACKET SUN RES DIR BUR FT4 "ROHS II" MADE IN USA
- 5.3. Footage Markers: Yes

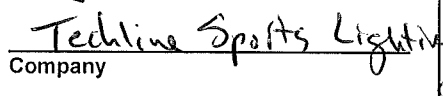
**6. Standards**

- 6.1. Refer to NEC (NFPA 70) article 336 for installation guidelines
- 6.2. Cable is suitable for use in Class I Division II hazardous locations
- 6.3. Individual conductors pass UL VW-1 flame test, rated THWN-2/VW-1
- 6.4. UL listed as Type TC-ER per UL Standard 1277 for tray cables
- 6.5. UL approved for Direct Burial and Sunlight Resistant applications
- 6.6. Cable meets UL 1581 & 1202 (FT-4) 70,000 BTU/HR & ICEA T-29-520 210,000 BTU/HR requirements
- 6.7. Meets ICEA S-73-532, where applicable
- 6.8. All materials used in the manufacture of this cable are RoHS II & REACH compliant
- 6.9. Made in the USA

**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

  
Techline Sports Lighting  
Company