



# Specification Sheet

## Lake Cable Part #: VIG142T/M1

**Description:** 14 AWG 2 conductor 7 strand tinned copper with polyvinylchloride and nylon insulation, a polyvinylchloride and nylon insulated tinned copper ground conductor 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: 14 AWG 7 Strands Class B
  - 1.2. Material: Annealed Tinned Copper
  - 1.3. Conductor Count: 2 Conductors
- 2. Insulation**
  - 2.1. Material: Polyvinylchloride & Nylon
  - 2.2. Wall Thickness: 0.015" PVC & 0.005" Nylon
  - 2.3. Color Code: Black, White + (1) Green Insulated Ground
- 3. Assembly**
  - 3.1. Lay Length: 4.00" LHL (3.00 tw/ft)
  - 3.2. Ground: Insulated (Green)- 14 AWG 7 Strand Tinned Copper
  - 3.3. Fillers: N/A
  - 3.4. Binder: N/A
  - 3.5. Shield: N/A
  - 3.6. Drain Wire: N/A
- 4. Jacket**
  - 4.1. Material: Polyvinylchloride
  - 4.2. Wall Thickness: 0.045"
  - 4.3. Diameter: 0.333" ± 0.030"
  - 4.4. Color: Black
  - 4.5. Ripcord: Yes
  - 4.6. Cold Bend Rating: -40°C
  - 4.7. Weight: 77 lbs./Mft.
- 5. Markings**
  - 5.1. Type: Cable shall be permanently identified via surface inkjet print
  - 5.2. Legend: LAKE CABLE E208309 14AWG 2C (UL) TC-ER THWN-2/VW-1 INSULATED GROUND 600V 90°C DRY/WET PVC JACKET SUN RES DIR BUR FT4 "ROHS COMPLIANT" 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 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. Individual conductors pass UL VW-1 flame test, rated THWN-2/VW-1
  - 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. Cable is RoHS III compliant per Directive 2015/863/EU
  - 6.9. Cable is REACH compliant per Regulation (EC) No 1907/2006 Updated July, 7 2017
  - 6.10. Made in the USA

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

**ALL SPECIFIED PARAMETERS ARE NOMINAL AND SUBJECT TO VERIFICATION**