



Specification Sheet

Lake Cable Part #: VIG102/M1

Description: 10 AWG 2 conductor 7 strand bare copper with polyvinylchloride and nylon insulation, a polyvinylchloride and nylon insulated bare 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: 10 AWG, 7 Strands Class B
 - 1.2. Material: Annealed Bare Copper
 - 1.3. Conductor Count: 2 Conductors
- 2. Insulation**
 - 2.1. Material: Polyvinylchloride & Nylon
 - 2.2. Wall Thickness: 0.020" PVC & 0.005" Nylon
 - 2.3. Color Code: Black, White + (1) Green Insulated Ground
- 3. Assembly**
 - 3.1. Lay Length: 5.50" LHL (2.18 tw/ft)
 - 3.2. Ground: Insulated (Green)- 10 AWG 7 Strand Bare 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: 0.488"
 - 4.4. Color: Black
 - 4.5. Ripcord: Yes
 - 4.6. Cold Bend Rating: -40°C
 - 4.7. Weight: 178 lbs./Mft.
- 5. Markings**
 - 5.1. Type: Cable shall be permanently identified via surface inkjet print
 - 5.2. Legend: LAKE CABLE E208309 10AWG 2C (UL) TC-ER PVC/NYLON INSULATED GROUND 600V 90°C DRY/WET PVC JACKET SUN RES DIR BUR FT4 "ROHS II" REACH 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. 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 THHN/THWN/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. All materials used in the manufacture of this cable are RoHS II & REACH compliant
 - 6.9. 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.

Signature

Company

ALL SPECIFIED PARAMETERS ARE NOMINAL AND SUBJECT TO VERIFICATION