



# Specification Sheet

## Lake Cable Part #: VIG163/X

**Description:** 16 AWG 3 conductor 7 strand bare copper with PVC/Nylon insulation, a PVC/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: 16 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: 0.015" PVC & 0.005" Nylon
- 2.3. Color Code: Black, Yellow, Light Blue

### 3. Assembly

- 3.1. Ground: Insulated (Green/Yellow) - 16 AWG 7 Strand Bare Copper
- 3.2. Fillers: N/A
- 3.3. Binder: N/A

### 4. Jacket

- 4.1. Material: Polyvinylchloride
- 4.2. Wall Thickness: 0.045"
- 4.3. Diameter: 0.324" +/- 0.025"
- 4.4. Color: Black
- 4.5. Ripcord: Yes
- 4.6. Cold Bend Rating: -40°C
- 4.7. Weight: 71 Lbs/Mft

### 5. Markings

- 5.1. Type: Cable shall be permanently identified via surface inkjet print
- 5.2. Legend: LAKE CABLE E208309 16AWG 3C (UL) TC-ER PVC/NYLON INSULATED GROUND 600V 90C 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 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. Cable meets UL 1581 & 1202 (FT-4) 70,000 BTU/HR & ICEA T-29-520 210,000 BTU/HR requirements
- 6.6. Cable meets RoHS 2002/95/EC Directive, RoHS 2 2011/65/EU Directive, RoHS 3 2015/863/EU Directive
- 6.7. Cable is REACH compliant per Regulation (EC) No 1907/2006 (197) Updated January 15, 2019
- 6.8. Made in the USA
- 6.9. **⚠️ 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.

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Signature

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Company

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Date

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