



Specification Sheet

Lake Cable Part #: VXC188T-CM/X

Description: 18 AWG 8 conductor 7 strand tinned copper with XLPE insulation, unshielded with an overall CPE jacket 600V control tray cable, approved for use in SUN RES DIR BUR OIL RES I & II 90°C applications.

1. Conductor

- 1.1. AWG Size & Stranding: 18 AWG, 7 Strands Class B
- 1.2. Material: Annealed Tinned Copper
- 1.3. Conductor Count: 8 Conductors

2. Insulation

- 2.1. Material: Cross-linked Polyethylene
- 2.2. Wall Thickness: 0.030"
- 2.3. Color Code: Black, White, Green, Orange, Blue, Brown, Red, Purple

3. Assembly

- 3.1. Lay Length: 5.00" LHL
- 3.2. Fillers: Non-Hygroscopic Polypropylene - As required for a circular cross-section
- 3.3. Binder: Clear Mylar
- 3.4. Shield: N/A
- 3.5. Drain Wire: N/A

4. Jacket

- 4.1. Material: Chlorinated Polyethylene
- 4.2. Wall Thickness: 0.045"
- 4.3. Diameter: 0.437" +/- 0.035"
- 4.4. Color: Black
- 4.5. Ripcord: Yes
- 4.6. Cold Bend Rating: -25°C
- 4.7. Weight: 122 lbs./Mft.

5. Markings

- 5.1. Type: Cable shall be permanently identified via surface inkjet print
- 5.2. Legend: LAKE CABLE E208309 18AWG 8C (UL) TC-ER XLPE 600V 90C DRY/WET CPE JACKET SUN RES DIR BUR OIL RES I & II FT4 {{DD}}/{MM}/{YYYY} "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, Sunlight and Oil I & II 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. Meets ICEA S-73-532, where applicable
- 6.7. Cable is RoHS III compliant per Directive 2015/863/EU
- 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

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.

[Handwritten Signature]

 Signature

[Handwritten: HUGHES & PHILLIPS]

 Company

[Handwritten: 6/5/19]

 Date

ALL SPECIFIED PARAMETERS ARE NOMINAL AND SUBJECT TO VERIFICATION