



# Specification Sheet

## Lake Cable Part #: VXC122LCU

**Description:** 12 AWG 2 conductor 7 strand bare copper with XLPE insulation, a corrugated bare copper tape shield and 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: 12 AWG 7 Strands Class B
  - 1.2. Material: Annealed Bare Copper
  - 1.3. Conductor Count: 2 Conductors
- 2. Insulation**
  - 2.1. Material: Cross-linked Polyethylene
  - 2.2. Wall Thickness: 0.030"
  - 2.3. Color Code: Method 1, Table E-2
- 3. Assembly**
  - 3.1. Lay Length: 4.75" LHL
  - 3.2. Fillers: Non-Hygroscopic Polypropylene - As required for a circular cross-section
  - 3.3. Binder: Clear Mylar
  - 3.4. Shield: 0.005" Corrugated Bare Copper Tape - 20% minimum overlap
  - 3.5. Drain Wire: N/A
- 4. Jacket**
  - 4.1. Material: Chlorinated Polyethylene
  - 4.2. Wall Thickness: 0.045"
  - 4.3. Diameter: 0.467"
  - 4.4. Color: Black
  - 4.5. Ripcord: Yes
  - 4.6. Cold Bend Rating: -25°C
  - 4.7. Weight: 146 lbs./Mft.
- 5. Markings**
  - 5.1. Type: Cable permanently identified via surface inkjet print
  - 5.2. Legend: LAKE CABLE E208309 12AWG 2C (UL) TC XHHW-2/VW-1 600V 90°C DRY/WET CORRUGATED BARE COPPER TAPE SHIELD CPE JACKET SUN RES DIR BUR OIL RES I & II 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. Individual conductors pass UL VW-1 flame test, rated XHHW-2/VW-1
  - 6.4. UL listed as Type TC per UL Standard 1277 for tray cables
  - 6.5. UL approved for Direct Burial, Sunlight and Oil I & II 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

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**