



Specification Sheet

Lake Cable Part #: VXC182S/M1

Description: 18 AWG 2 conductor 7 strand bare copper with XLPE insulation, an aluminum/mylar shield with a stranded tinned copper drain wire 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: 18 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: Black, White

3. Assembly

- 3.1. Lay Length: 3.25" LHL
- 3.2. Fillers: N/A
- 3.3. Binder: N/A
- 3.4. Shield: Aluminum/Mylar Tape - 100% coverage
- 3.5. Drain Wire: 20 AWG, 7 Strand Tinned Copper

4. Jacket

- 4.1. Material: Chlorinated Polyethylene
- 4.2. Wall Thickness: 0.045"
- 4.3. Diameter: 0.303"
- 4.4. Color: Black
- 4.5. Ripcord: Yes
- 4.6. Cold Bend Rating: -25°C
- 4.7. Weight: 50 lbs./Mft.

5. Markings

- 5.1. Type: Cable shall be permanently identified via surface inkjet print
- 5.2. Legend: LAKE CABLE E208309 18AWG 2C SHIELDED (UL) TC-ER XLPE 600V 90°C
DRY/WET 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. UL listed as Type TC 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. All materials used in the manufacture of this cable are RoHS II & REACH compliant
- 6.8. Made in the USA

ALL SPECIFIED PARAMETERS ARE NOMINAL AND SUBJECT TO VERIFICATION

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