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Specification Sheet

Lake Cable Part #: VXC102TRS

Description: 10 AWG 2 triads 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: 10 AWG 7 Strands Class B
- 1.2. Material: Annealed Bare Copper
- 1.3. Conductor Count: 2 Triads

2. Insulation

- 2.1. Material: Cross-linked Polyethylene
- 2.2. Wall Thickness: 0.030"
- 2.3. Color Code: Black, Red & White numbered triads

3. Assembly

- 3.1. Triads /Cable Lay Length: Per UL Standard 1277
- 3.2. Triads Drain Wire: N/A
- 3.3. Triads Shield: N/A
- 3.4. Cable Binder: N/A
- 3.5. Cable Shield: Aluminum/Mylar Tape – 100% coverage
- 3.6. Cable Drain Wire: 12 AWG, 7 Strand Tinned Copper
- 3.7. Fillers: N/A

4. Jacket

- 4.1. Material: Chlorinated Polyethylene
- 4.2. Wall Thickness: 0.060"
- 4.3. Diameter: 0.808"
- 4.4. Color: Black
- 4.5. Ripcord: Yes
- 4.6. Cold Bend Rating: -25°C
- 4.7. Weight: 409 lbs./Mft.

5. Markings

- 5.1. Type: Cable shall be permanently identified via surface inkjet print
- 5.2. Legend: LAKE CABLE E208309 10AWG 2TR SHIELDED (UL) TC-ER XLPE 600V 90°C DRY/WET CPE JACKET SUN RES DIR BUR OIL RES I & II FT4 "ROHS"
- 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. All materials used in the manufacture of this cable are RoHS compliant
- 6.8. Made in the USA

ALL SPECIFIED PARAMETERS ARE NOMINAL AND SUBJECT TO VERIFICATION

Information on this specification is subject to change without notice.



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