



Specification Sheet

Lake Cable Part #: V162S/16DR-QR

Description: 16 AWG 2 conductor 7 strand bare copper with polyvinylchloride and nylon insulation, an aluminum/mylar shield with a stranded tinned copper drain wire with an overall PVC jacket 600V control tray cable, PLTC, NPLF & FPL, approved for use in SUN RES DIR BUR OIL RES I 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: 2 Conductors
- 2. Insulation**
 - 2.1. Material: Polyvinylchloride & Nylon
 - 2.2. Wall Thickness: 0.015" PVC & 0.005" Nylon
 - 2.3. Color Code: Method 1, Table E-2
- 3. Assembly**
 - 3.1. Lay Length: 3.00" LHL
 - 3.2. Fillers: N/A
 - 3.3. Binder: N/A
 - 3.4. Shield: Aluminum/Mylar Tape - 100% coverage
 - 3.5. Drain Wire: 16 AWG, 7 Strand Tinned Copper
- 4. Jacket**
 - 4.1. Material: Polyvinylchloride
 - 4.2. Wall Thickness: 0.045"
 - 4.3. Diameter: 0.291"
 - 4.4. Color: Black
 - 4.5. Ripcord: Yes
 - 4.6. Cold Bend Rating: -40°C
 - 4.7. Weight: 55 lbs./Mft.
- 5. Markings**
 - 5.1. Type: Cable shall be permanently identified via surface inkjet print
 - 5.1. Legend: LAKE CABLE E207231 16AWG 2C SHIELDED (UL) NPLF 90°C
150V PVC/N OR PLTC OR FPL OR TC-ER 600V 90°C DRY/WET SUN RES DIR BUR
OIL RES I PVC JACKET FT4 "ROHS II" REACH MADE IN USA
 - 5.2. 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 and Quad Rated TC-ER, PLTC, NPLF & FPL
 - 6.4. UL approved for Direct Burial, Sunlight and Oil I Resistant applications
 - 6.5. Meets requirements of PLTC per UL Standard 13 for Power-Limited Circuit Cables
 - 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