



Specification Sheet

Lake Cable Part #: VG103/X

Description: 10 AWG 3 conductor 7 strand bare copper with polyvinylchloride and nylon insulation, an uninsulated bare copper ground conductor unshielded with an overall PVC jacket 600V control tray cable, approved for use in SUN RES DIR BUR 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: 3 Conductors
- 2. Insulation**
 - 2.1. Material: Polyvinylchloride & Nylon
 - 2.2. Wall Thickness: 0.010" PVC & 0.005" Nylon
 - 2.3. Color Code: Brown, Orange, Yellow
- 3. Assembly**
 - 3.1. Lay Length: 5.75" LHL
 - 3.2. Ground: Uninsulated - 10 AWG, 7 Strand Bare Copper
 - 3.3. Fillers: N/A
 - 3.4. Binder: Clear Mylar
 - 3.5. Shield: N/A
 - 3.6. Drain Wire: N/A
- 4. Jacket**
 - 4.1. Material: Polyvinylchloride
 - 4.2. Wall Thickness: 0.045"
 - 4.3. Diameter: 0.464"
 - 4.4. Color: Black
 - 4.5. Ripcord: Yes
 - 4.6. Cold Bend Rating: -40°C
 - 4.7. Weight: 195 lbs./Mft.
- 5. Markings**
 - 5.1. Type: Cable shall be permanently identified via surface inkjet print
 - 5.2. Legend: LAKE CABLE E208309 10AWG 3C (UL) TC-ER PVC/NYLON UNINSULATED GROUND 600V 90°C DRY/WET PVC JACKET SUN RES DIR BUR FT4 "ROHS II" REACH MADE IN USA
 - 5.3. Footage Markers: Yes
- 6.**
- 7. Standards**
 - 7.1. Refer to NEC (NFPA 70) article 336 for installation guidelines
 - 7.2. Cable is suitable for use in Class I Division II hazardous locations
 - 7.3. UL listed as Type TC-ER per UL Standard 1277 for tray cables
 - 7.4. UL approved for Direct Burial and Sunlight Resistant applications
 - 7.5. Individual conductors pass UL VW-1 flame test, rated THWN-2/VW-1
 - 7.6. Cable meets UL 1581 & 1202 (FT-4) 70,000 BTU/HR & ICEA T-29-520 210,000 BTU/HR requirements
 - 7.7. Meets ICEA S-73-532, where applicable
 - 7.8. All materials used in the manufacture of this cable are RoHS II & REACH compliant
 - 7.9. 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