529 Thomas Drive, Bensenville, IL 60106 | TF: 888.518.8086 | FX: 630.860.5944

Specification Sheet

Lake Cable Part #: CNB201PRS19ROD/TPR-IEWC

Description: 20 AWG 19 strands bare copper 1pr 120Ω SAE J1939/11 Foamed XLPE insulation, an aluminum/mylar shield with a stranded bare copper drain wire and an overall TPR jacket 125°C rated.

1. **Conductor**
   - 1.1. AWG Size & Stranding: 20 AWG 19 Strands Class C
   - 1.2. Material: Annealed Bare Copper
   - 1.3. Conductor Count: 1 Pair

2. **Insulation**
   - 2.1. Material: Foamed Cross Linked Polyethylene
   - 2.2. Wall Thickness: 0.036”
   - 2.3. Color code: Yellow x Green
   - 2.4. Insulated Diameter: 0.110” ± 0.002”

3. **Electrical Characteristics**
   - 3.1. Impedance: 120 Ω ± 10%
   - 3.2. Capacitance: 11.5 pF/ft
   - 3.3. DC Resistance: 10.2 Ω/Mft @ 20°C
   - 3.4. Operating Voltage: 300V RMS

4. **Assembly**
   - 4.1. Cable Lay Length: 1.75” LHL (6.86 tw/ft)
   - 4.2. Fillers: Two Polyethylene Rod
   - 4.3. Drain: 20 AWG 19 Strands Bare Copper
   - 4.4. Shield: Aluminum/Mylar Shield - 100% Coverage (Aluminum Facing Inside)

5. **Jacket**
   - 5.1. Material: Pressure Extruded Thermoplastic Rubber / 125°C, Oil & UV Resistant
   - 5.2. Convolution Level: 3 or Better
   - 5.3. Wall thickness: 0.030”
   - 5.4. Diameter: 0.282” ± 0.020”
   - 5.5. Color: Black
   - 5.6. Ripcord: No
   - 5.7. Weight: 35 Lbs/Mft

6. **Markings**
   - 6.1. Type: Cable permanently identified via surface inkjet print
   - 6.2. Legend: LAKE CABLE CNB201PRS19ROD/TPR-IEWC 20AWG 1PR SHIELDED 125°C CANBUS SAE J1939-11 SUNLIGHT/OIL RESISTANT “ROHS II” MADE IN USA
   - 6.3. Footage Markers: N/A

7. **Standards**
   - 7.1. Cable is Abrasion and Cut Resistance
   - 7.2. Cable meets SAE J1939/11 electrical characteristics and SAE J1128 for fluid and flame characteristics
   - 7.3. Cable is suitable for Direct Burial, Sunlight applications
   - 7.4. All materials used in the manufacture of this cable are RoHS II & REACH compliant
   - 7.5. 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

Date