



Specification Sheet

Lake Cable Part #: CNB201P163201TXL/TPU

Description: Three element composite cable with and an overall TPU jacket for 105°C rated applications.

- 20 AWG 1PR 19STR TC CanBus UNSHIELDED
- 20 AWG 1C 19STR TC XLPE TXL UNSHIELDED
- 16 AWG 3C 19STR TC XLPE TXL UNSHIELDED

Element 1: 20 AWG 1PR 19STR TC CanBus UNSHIELDED

1. Conductor

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

2. Insulation

- 2.1. Material: XLPE
- 2.2. Wall Thickness: 0.020"
- 2.3. Diameter: 0.074" ± 0.002"
- 2.4. Color Code: Green x Yellow

3. Pair Assembly

- 3.1. Lay Length: 2.00" LHL, Nominal
- 3.2. Filler: Flame Retardant Fibrillated Polypropylene-As necessary for a circular-cross section

4. Nominal Electrical Characteristics

- 4.1. Impedance: 120 Ω ± 10%

Element 2: 20 AWG 1C 19STR TC XLPE TXL UNSHIELDED

5. Conductor

- 5.1. AWG Size & Stranding: 20 AWG 19 Strands Class C
- 5.2. Material: Annealed Tinned Copper
- 5.3. Conductor Count: 1 Conductor

6. Insulation

- 6.1. Material: XLPE
- 6.2. Wall Thickness: 0.016"
- 6.3. Diameter: 0.067" ± 0.002"
- 6.4. Color code: Purple

Element 3: 16 AWG 3C 19STR TC XLPE TXL UNSHIELDED

7. Conductor

- 7.1. AWG Size & Stranding: 16 AWG 19 Strands Class C
- 7.2. Material: Annealed Tinned Copper
- 7.3. Conductor Count: 3 Conductors

8. Insulation

- 8.1. Material: XLPE
- 8.2. Wall Thickness: 0.016"
- 8.3. Diameter: 0.088" ± 0.002"
- 8.4. Color code: Black, Red, Green/Yellow

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



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Overall Cable Assembly

9. Assembly

- 9.1. Lay Length: 4.00" LHL, Nominal
- 9.2. Filler: Flame Retardant Fibrillated Polypropylene-
As necessary for a circular-cross section
- 9.3. Binder/Separator: Tissue Wrap - 100% Coverage

10. Jacket

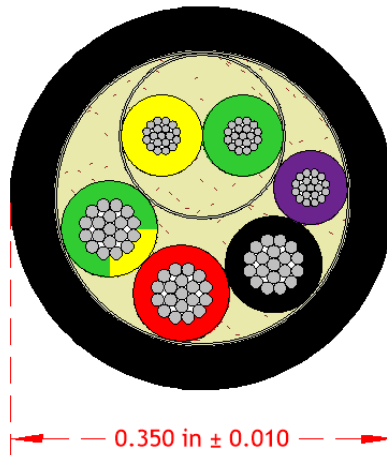
- 10.1. Material: Pressure Extruded TPU (Matte Finish)
- 10.2. Wall thickness: 0.040"
- 10.3. Diameter: 0.350" \pm 0.010"
- 10.4. Color: Black
- 10.5. Ripcord: N/A
- 10.6. Weight: 84 Lbs/Mft
- 10.7. Temperature Range: -40C to +105C

11. Markings

- 11.1. Type: Cable permanently identified via print wheel in white ink
- 11.2. Legend: LAKE CABLE 16AWG 3C TXL + 20AWG 1C TXL + 20AWG 1PR CANBUS TPU
JACKET "ROHS COMPLIANT" MADE IN USA
- 11.3. Footage Markers: N/A

12. Standards

- 12.1. 20AWG pair meet or exceed the electrical requirements per SAE standard J1939
- 12.2. Insulated conductors built in accordance with SAE J1128 for type TXL
- 12.3. Cable is suitable for Oil and Sunlight Resistant Applications
- 12.4. Cable meets RoHS 2002/95/EC Directive, RoHS 2 2011/65/EU Directive, RoHS 3 2015/863/EU Directive
- 12.5. Made in the USA
- 12.6. **⚠️ WARNING:** This product may contain chemicals, such as Vinyl Chloride, known to the state of California to cause cancer. For more information, go to www.P65Warnings.ca.gov. Wash hands after handling



ALL SPECIFIED PARAMETERS WITHOUT A TOLERANCE ARE NOMINAL AND SUBJECT TO VERIFICATION. LAKE CABLE IS NOT RESPONSIBLE FOR UNKNOWN PERFORMANCE ATTRIBUTES THAT WERE NOT MADE KNOWN TO LAKE CABLE AT THE TIME OF DESIGN.