



Specification Sheet

Lake Cable Part #: CGX182PRT19-TPE

Description: 18 AWG 2 pairs 19 strands tinned copper wire with XLPE insulation + uninsulated ground, unshielded with an overall TPE jacket. ʘU AWM 21184 80°C 600V

1. Conductor

- 1.1.AWG Size & Stranding: 18 AWG 19 Strands Class C
- 1.2.Material: Annealed Tinned Copper
- 1.3.Conductor Count: 2 Pairs + Ground

2. Insulation

- 2.1.Material: Cross-Linked Polyethylene
- 2.2.Wall Thickness: 0.012"
- 2.3.Diameter: 0.071" ± 0.002"
- 2.4.Color Code: Black x Red, Green x White

3. Cable Assembly

- 3.1.Pairs Lay Length: Cabled on Common-Axis - Pairs are separated by a Clear Mylar Wrap Binder
- 3.2.Cable Lay Length: 3.00" LHL (4.00 tw/ft)
- 3.3.Ground Wire: 22 AWG 19 Strands Tinned Copper
- 3.4.Fillers: Fibrillated Polypropylene - as Necessary for a Circular Cross-Section
- 3.5.Binder: Clear Mylar - 100% Coverage

4. Jacket

- 4.1.Material: Pressure Extruded Thermoplastic Elastomer
- 4.2.Wall Thickness: 0.043"
- 4.3.Diameter: 0.265" ± 0.010"
- 4.4.Color: Black
- 4.5.Ripcord: No
- 4.6.Weight: 61 Lbs/Mft

5. Markings

- 5.1.Type: Cable permanently identified via surface inkjet print
- 5.2.Legend: LAKE CABLE E206787 18AWG 2PR + GROUND ʘU AWM 21184 600V 80C
"ROHS COMPLIANT" MADE IN USA
- 5.3.Footage Markers: Yes

6. Nominal Electrical Characteristics

- 6.1.Capacitance: 20 pF/ft
- 6.2.Impedance: 80 Ω ± 8Ω
- 6.3.DC Resistance: 5.8 Ω/Mft @ 20°C
- 6.4.Operating Voltage: 600V RMS

6. Standards

- 6.1. UL recognized component as AWM 21184 per UL standard 758
- 6.2. Cable meets RoHS 2002/95/EC Directive, RoHS 2 2011/65/EU Directive, RoHS 3 2015/863/EU Directive
- 6.3. Cable is REACH compliant per Regulation (EC) No 1907/2006 (219) Updated January 15, 2021
- 6.4. Made in the USA
- 6.5. ⚠️ 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.

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