



# Specification Sheet

## Lake Cable Part #: CGX202PRT19-TPE

**Description:** 20 AWG 2 pairs 19 strands tinned copper wire with XLPE insulation + uninsulated ground, unshielded with an overall TPE jacket. 9U AWM 20841 80°C 300V

### 1. Conductor

- 1.1. AWG Size & Stranding: 20 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. Color Code: 2PR Black x White Numbered 1 thru 2

### 3. Assembly

- 3.1. Pairs Lay Length: Cabled on Common-Axis - Pairs are separated by a Clear Mylar Wrap Binder
- 3.2. Cable Lay Length: 3.75" LHL (3.20 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: 0.053"
- 4.3. Diameter: 0.265" ± 0.010"
- 4.4. Color: Black
- 4.5. Ripcord: No
- 4.6. Weight: 51 Lbs/Mft

### 5. Markings\*

- 5.1. Type: Cable permanently identified via surface inkjet print
- 5.2. Legend: LAKE CABLE E206787 20AWG 2PR + GROUND 9U AWM 20841 300V 80C "ROHS COMPLIANT" MADE IN USA
- 5.3. Footage Markers: Yes

### 6. Electrical Characteristics

- 6.1. Capacitance: 18.22 pF/ft
- 6.2. Impedance: 88 Ω ± 8Ω
- 6.3. DC Resistance: 10.3 Ω/Mft @ 20°C
- 6.4. Operating Voltage: 300V RMS

### 6. Standards

- 6.1. UL recognized component as AWM 20841 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 (197) Updated January 15, 2019
- 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](http://www.P65Warnings.ca.gov). Wash hands after handling

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

**ALL SPECIFIED PARAMETERS WITHOUT A TOLERANCE ARE NOMINAL AND SUBJECT TO VERIFICATION**