

## Specification Sheet

**BWC Part Number#: 4070PL**

**Description:** 12AWG 2 conductors 19 strand bare copper wire with plenum rated PVC insulation, unshielded and an overall plenum rated PVC jacket.

### 1. Conductor

- 1.1. AWG Size & Stranding: 12 AWG 19 Strands Class C
- 1.2. Material: Annealed Bare Copper
- 1.3. Conductor Count: 2 Conductors

### 2. Insulation

- 2.1. Material: Plenum Rated Polyvinylchloride
- 2.2. Wall Thickness: 0.009"
- 2.3. Diameter: 0.108 ± .002"
- 2.4. Color Code: Black, White

### 3. Cable Assembly

- 3.1. Lay Length: 3.50" LHL, Nominal

### 4. Jacket

- 4.1. Material: Plenum Rated Polyvinylchloride
- 4.2. Wall Thickness: 0.015"
- 4.3. Diameter: 0.246" ± 0.020"
- 4.4. Color: Natural
- 4.5. Ripcord: Yes
- 4.6. Weight: 54 Lbs/Mft


### 5. Markings

- 5.1. Type: Cable permanently identified via surface inkjet print
- 5.2. Legend: LAKE CABLE E171202 12AWG 2C 75C (UL) CL3P OR FPLP FT6  
"ROHS COMPLIANT" MADE IN USA
- 5.3. Footage Markers: Yes

### 6. Nominal Electrical Characteristics

- Impedance: 50 Ω ± 10%
- Capacitance: 38 pF/ft. ± 10%
- DC Resistance: 1.66 Ω/Mft. @ 20°C

### 7. Standards

- 7.1. Cable suitable for installation under NEC (NFPA 70) articles 725 and 760 guidelines
- 7.2. UL listed as CL3P per UL standard 13 or FPLP per UL standard 1424
- 7.3. Cable meets NFPA 262 (Steiner tunnel) flame test
- 7.4. Cable meets RoHS 2002/95/EC Directive, RoHS 2 2011/65/EU Directive, RoHS 3 2015/863/EU Directive
- 7.5. Cable is REACH compliant per Regulation (EC) No 1907/2006 (219) Updated January 15, 2021
- 7.6. Operating Voltage: 300V RMS
- 7.7. Made in the USA
- 7.8.  **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

**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 BEST WIRE AT THE TIME OF DESIGN.**

**GET WIRED**

