

## Specification Sheet

**BWC Part Number#: 7080PL**

**Description:** 18AWG 2 conductor solid bare copper wire, plenum rated PVC insulation, unshielded, with an overall plenum rated PVC jacket

### 1. Conductor

- 1.1. AWG Size & Stranding: 18 AWG Solid
- 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: 0.058"  $\pm$  0.002"
- 2.4. Color Code: Black, Red

### 3. Assembly

- 3.1. Nominal Lay Length: 3.00" LHL (4.00 tw/ft)

### 4. Jacket

- 4.1. Material: Plenum Rated Polyvinylchloride
- 4.2. Wall Thickness: 0.015"
- 4.3. Diameter: 0.146"  $\pm$  0.010"
- 4.4. Color: Red
- 4.5. Ripcord: Yes
- 4.6. Weight: 18 Lbs/Mft

### 5. Markings

- 5.1. Type: Cable permanently identified via surface inkjet print
- 5.2. Legend: LAKE CABLE E171202 18AWG 2C 75C (UL) CL3P OR FPLP OR C(UL)US CMP FT6 "ROHS COMPLIANT" MADE IN USA
- 5.3. Footage Markers: Yes

### 6. Electricals

- 6.1. Impedance: 62  $\Omega$   $\pm$  10%
- 6.2. Capacitance: 31 pF/ft  $\pm$  10%
- 6.3. DC Resistance: 6.2  $\Omega$ /Mft @ 20°C
- 6.4. Operating Voltage: 300V RMS

**GET WIRED**



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### 7. Standards

- 7.1. Cable suitable for installation under NEC (NFPA 70) articles 800, 725 and 760 guidelines
- 7.2. Cable suitable for installation in Canada under Section 60 of CEC, Part I
- 7.3. C(UL)US listed as CMP per UL standard 444 and per CSA C22.2 No. 214-17
- 7.4. UL listed as CL3P per UL standard 13 or FPLP per UL standard 1424
- 7.5. Cable meets NFPA 262 (Steiner tunnel) flame test
- 7.6. Cable meets RoHS 2002/95/EC Directive, RoHS 2 2011/65/EU Directive, RoHS 3 2015/863/EU Directive
- 7.1. Cable is REACH compliant per Regulation (EC) No 1907/2006 (224) Updated June 10, 2022
- 7.2. Made in the USA
- 7.3. ⚠️ **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. BEST WIRE IS NOT RESPONSIBLE FOR UNKNOWN PERFORMANCE ATTRIBUTES THAT WERE NOT MADE KNOWN TO BEST WIRE AT THE TIME OF DESIGN.**

