



Specification Sheet

BWC Part Number#: 4040PL

Description: 18 AWG 2 conductors 7 strands bare copper wire, plenum rated PVC insulation, unshielded, and an overall plenum rated PVC jacket

1. Conductor

- 1.1. AWG Size & Stranding: 18 AWG 7 Strands Class B
- 1.2. Material: Annealed Bare Copper
- 1.3. Conductor Count: 2 Conductors

2. Insulation

- 2.1. Material: Plenum Rated Polyvinylchloride
- 2.2. Wall Thickness: 0.007"
- 2.3. Diameter: 0.059" \pm 0.002"
- 2.4. Color Code: Black, Red

3. Cable Assembly

- 3.1. Nominal Lay Length: 3.00" LHL (4.0 tw/ft)

4. Jacket

- 4.1. Material: Plenum Rated Polyvinylchloride
- 4.2. Wall Thickness: 0.015"
- 4.3. Diameter: 0.148" \pm 0.010"
- 4.4. Color: Natural
- 4.5. Ripcord: Yes
- 4.6. Weight: 18 Lbs/Mft

5. Markings

- 5.1. Type: Cable permanently identified via surface inkjet print
- 5.2. Print 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. Nominal Electrical Characteristics

- 6.1. Impedance: 60 Ω \pm 10%
- 6.2. Capacitance: 32 pF/ft
- 6.3. DC Resistance: 6.60 Ω /Mft @ 20 °C
- 6.4. Operating Voltage: 300V RMS

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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
- 7.7. Cable is REACH compliant per Regulation (EC) No 1907/2006 (224) Updated June 10, 2022
- 7.8. Made in the USA
- 7.9. **▲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. BEST WIRE IS NOT RESPONSIBLE FOR UNKNOWN PERFORMANCE ATTRIBUTES THAT WERE NOT MADE KNOWN TO BEST WIRE AT THE TIME OF DESIGN.



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1343 Exchange Dr. Richardson, TX 75081 | 972-231-5600 | www.bestwirecable.com

Information on this specification is subject to change without notice. REV 03062023

