



## **Specification Sheet**

BWC Part Number#: 4020PL

**Description:** 22AWG 2 conductor 7 strand bare copper wire, plenum rated PVC insulation, unshielded, with an

overall plenum rated PVC jacket

1. Conductor

1.1. AWG Size & Stranding: 22 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:  $0.042 \pm 0.002$ " 2.4. Color Code: Black, Red

3. 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: 0.114" ± 0.010"

4.4. Color: Natural
4.5. Ripcord: Yes
4.6. Weight: 10 Lbs/Mft

5. Markings

5.1. Type: Cable shall be permanently identified via surface inkjet print

5.2. Legend: LAKE CABLE E171202 22AWG 2C 75C (UL) CL3P OR FPLP OR C(UL)US CMP

FT6 "ROHS COMPLIANT" MADE IN USA

5.3. Footage Markers: Yes

6. Electricals

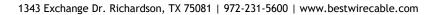
6.1. Impedance:  $70.3 \Omega \pm 10\%$ 6.2. Capacitance: 27 pF/ft

6.3. DC Resistance:  $16.6 \Omega/Mft @ 20^{\circ}C$ 

6.4. Operating Voltage: 300V RMS









## **Specification Sheet**

BWC Part Number#: 4020PL

## 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 (211) Updated January 19, 2021
- 7.8. Made in the USA
- 7.9. AWARNING: This product may contain chemicals, such as Vinyl Chloride, known to the state of California to cause cancer. For more information, go to <a href="https://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>. 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.





