



Specification Sheet

BWC Part Number#: 4240PL

Description: 18 AWG 4 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: 18 AWG 7 Strands Class B
- 1.2. Material: Annealed Bare Copper
- 1.3. Conductor Count: 4 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, White, Green

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: 0.172" \pm 0.015"
- 4.4. Color: Natural
- 4.5. Ripcord: Yes
- 4.6. Weight: 30 Lbs/Mft

5. Markings

- 5.1. Type: Cable shall be permanently identified via surface inkjet print
- 5.2. Legend: LAKE CABLE E171202 18AWG 4C 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: 60 Ω \pm 10%
- 6.2. Capacitance: 32 pF/ft. \pm 10%
- 6.3. DC Resistance: 6.60 Ω /Mft. @ 20°C
- 6.4. Operating Voltage: 300V RMS Maximum

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

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- 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 15, 2021
- 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

