



Specification Sheet

BWC Part Number#: 5180PL

Description: 22 AWG 12C 7 STRAND BARE COPPER WIRE WITH .007" SGPVC INSULATION, NON-SHIELDED, OVERALL .015" NATURAL SGPVC JACKET

1. Conductor

- 1.1. AWG Size & Stranding: 22 AWG 7 Strands Class B
- 1.2. Material: Bare Copper Wire
- 1.3. Conductor Count: 12 Conductors

2. Insulation

- 2.1. Material: Plenum Rated Polyvinylchloride
- 2.2. Wall Thickness: 0.007"
- 2.3. Color Code: Black, Red, White, Green, Brown, Blue, Orange, Yellow, Purple, Gray, Pink, Tan

3. Assembly

- 3.1. Nominal Lay Length: 4.00" LHL (3.00 Tw/Ft)
- 3.2. Shield: N/A
- 3.3. Drain Wire: N/A

4. Jacket

- 4.1. Material: Plenum Rated Polyvinylchloride
- 4.2. Wall Thickness: 0.015"
- 4.3. Diameter: 0.204" +/- 0.015"
- 4.4. Color: Natural
- 4.5. Ripcord: Yes
- 4.6. Weight: 39 Lbs/Mft

5. Markings

- 5.1. Type: Cable permanently identified via surface inkjet print
- 5.2. Legend: LAKE CABLE E171202 22AWG 12C 75C (UL) CL3P OR FPLP OR C(UL)US
CMP FT6 "ROHS COMPLIANT" MADE IN USA
- 5.3. Footage Markers: Yes

6. Standards

- 6.1. Recommended Operating Voltage: 300V
- 6.2. Maximum Operating Voltage: 300V
- 6.3. Operating Temperature Range: -20C TO 75C

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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. 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. 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

