

## Specification Sheet

**BWC Part Number#: 4530PL**

**Description:** 22 AWG 6 conductors 7 strands bare copper wire, plenum rated PVC insulation, shielded, 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: 6 Conductors

### 2. Insulation

- 2.1. Material: Plenum Rated Polyvinylchloride
- 2.2. Wall Thickness: 0.007"
- 2.3. Diameter: 0.042" ± 0.002"
- 2.4. Color Code: Black, Red, White, Green, Brown, Blue

### 3. Assembly

- 3.1. Nominal Lay Length: 3.50" LHL (3.43 Tw/Ft)
- 3.2. Shield: Aluminum/Mylar Tape - 100% Coverage
- 3.3. Drain Wire: 24 AWG 7 Strand Tinned Copper

### 4. Jacket

- 4.1. Material: Plenum Rated Polyvinylchloride
- 4.2. Wall Thickness: 0.015"
- 4.3. Diameter: 0.158" ± 0.015"
- 4.4. Color: Natural
- 4.5. Ripcord: Yes
- 4.6. Weight: 23 Lbs/Mft

### 5. Markings

- 5.1. Type: Cable permanently identified via surface inkjet print
- 5.2. Legend: LAKE CABLE E171202 22AWG 6C SHIELDED 75C (UL) CL3P OR FPLP OR C(UL)US  
CMP FT6 "ROHS COMPLIANT" MADE IN USA
- 5.3. Footage Markers: Yes, Ascending/Descending

### 6. Standards

- 6.1. Cable suitable for installation under NEC (NFPA 70) articles 800, 725 and 760 guidelines
- 6.2. Cable suitable for installation in Canada under Section 60 of CEC, Part I
- 6.3. C(UL)US listed as CMP per UL standard 444 and per CSA C22.2 No. 214-17
- 6.4. UL listed as CL3P per UL standard 13 or FPLP per UL standard 1424
- 6.5. Cable meets NFPA 262 (Steiner tunnel) flame test
- 6.6. Cable meets RoHS 2002/95/EC Directive, RoHS 2 2011/65/EU Directive, RoHS 3 2015/863/EU Directive
- 6.7. Cable is REACH compliant per Regulation (EC) No 1907/2006 (223) Updated January 17, 2022
- 6.8. Storage Temperature: 0C to 75C
- 6.9. Operating Temperature: -20C to 75C
- 6.10. Cable should be conditioned at room temperature for 24 hours prior to being installed
- 6.11. Operating Voltage: 300V RMS
- 6.12. Made in the USA
- 6.13. ⚠️ 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.**

