

Specification Sheet

BWC Part Number#: 4590PL

Description: 18 AWG 10C 7 STRAND BARE COPPER WIRE WITH .007" SGPVC INSULATION, OVERALL ALUMINUM MYLAR TAPE SHIELD WITH A 24 AWG 7 STRAND TINNED COPPER DRAIN WIRE, OVERALL .015" NATURAL SGPVC JACKET

1. Conductor

- 1.1. AWG Size & Stranding: 18 AWG 7 Strands Class B
- 1.2. Material: Bare Copper
- 1.3. Conductor Count: 10 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, Gray, Purple

3. Cable Assembly

- 3.1. Lay Length: 4.00"
- 3.2. Shield: Aluminum Mylar Tape Shield - 100% Coverage
- 3.3. Drain Wire: 24 AWG 7 Strand Tinned Copper Wire

4. Jacket

- 4.1. Material: Plenum Rated Polyvinylchloride
- 4.2. Wall Thickness: 0.015"
- 4.3. Diameter: 0.269"
- 4.4. Color: Natural
- 4.5. Ripcord: Yes
- 4.6. Weight: 73 Lbs/Mft

5. Markings

- 5.1. Type: Cable permanently identified via surface inkjet print
- 5.2. Legend: LAKE CABLE E171202 18AWG 10C SHIELDED 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. 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 RoHS 2002/95/EC Directive, RoHS 2 2011/65/EU Directive, RoHS 3 2015/863/EU Directive
- 6.6. Cable is REACH compliant per Regulation (EC) No 1907/2006 (197) Updated January 15, 2019
- 6.7. Operating Voltage: 300V RMS
- 6.8. Made in the USA
- 6.9. ⚠️ 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. LAKE CABLE IS NOT RESPONSIBLE FOR UNKNOWN PERFORMANCE ATTRIBUTES THAT WERE NOT MADE KNOWN TO BEST WIRE AT THE TIME OF DESIGN.

