



Specification Sheet

BWC Part Number #: 7100PL

18 AWG 4-Conductor Solid FPLP/CL3P/CMP Cable

Application

This is an 18 AWG 4-conductor solid bare copper wire designed for communications circuits (CMP), power-limited circuits (CL3P), and power-limited fire alarm circuits (FPLP). It is suitable for installation under NEC (NFPA 70) articles 725, 760, and 800, and for installation in Canada under Section 60 of the Canadian Electrical Code, Part I.

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.

Electrical Characteristics

- Maximum Operating Voltage: 300V RMS
- Operating Temperature Range: -20°C to 75°C

Construction

- **Conductor**
 - Material: Bare Copper Wire
 - Size: 18 AWG, Solid
 - Conductor Count: 4
- **Insulation**
 - Material: Plenum Rated Polyvinylchloride (SGPVC)
 - Wall Thickness: 0.009"
 - Color Code: Black, Red, Brown, Blue
- **Assembly**
 - Lay Length: 3.00"
- **Jacket**
 - Material: Plenum Rated Polyvinylchloride (SGPVC)
 - Wall Thickness: 0.015"
 - Nominal Diameter: 0.172"
 - Color: Red

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- Ripcord: Yes
- **Physical Properties**
 - Weight: 31 lbs./Mft.

Standards & Approvals

- C(UL)US listed as CMP per UL Standard 444 and CSA C22.2 No. 214-17.
- UL listed as CL3P per UL Standard 13 or FPLP per UL Standard 1424.
- Meets NFPA 262 (Steiner tunnel) flame test requirements.
- RoHS compliant per directives 2002/95/EC, 2011/65/EU, and 2015/863/EU.
- REACH compliant per Regulation (EC) No 1907/2006.
- Made in the USA.

Cable Marking

- Print Legend: 18AWG 4C 75C (UL) CL3P OR FPLP OR C(UL)US CMP FT-6 "ROHS COMPLIANT"
MADE IN USA
- Footage Markers: Yes, Ascending/Descending

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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