



Specification Sheet

BWC Part Number #: 7140PL

16 AWG 2-Conductor Solid FPLP/CL3P/CMP Cable

Application

This is a 16 AWG 2-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.

Electrical Characteristics

- Maximum Operating Voltage: 300V
- Operating Temperature Range: -20°C to 75°C
- Impedance: 53.0 Ω +/-10%
- Capacitance: 38.0 pF/ft. +/-10%
- DC Resistance: 4.16 Ω /Mft. @ 20°C

Construction

- **Conductor**
 - Material: Bare Copper Wire
 - Size: 16 AWG, Solid
 - Conductor Count: 2
- **Insulation**
 - Material: Plenum Rated Polyvinylchloride (SGPVC)
 - Wall Thickness: 0.009"
 - Color Code: Black, Red
- **Assembly**
 - Lay Length: 3.00"
- **Jacket**
 - Material: Plenum Rated Polyvinylchloride (SGPVC)
 - Wall Thickness: 0.015"
 - Nominal Diameter: 0.170"
 - Color: Red
 - Ripcord: Yes

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- **Physical Properties**
 - Weight: 24 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: 16AWG 2C 75C (UL) CL3P OR FPLP OR C(UL)US CMP FT6 "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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