



## Specification Sheet

**BWC Part Number#: 5187**

**Description:** 18 AWG 12C 7 STRAND BARE COPPER WIRE WITH .007" PVC INSULATION, NON-SHIELDED, OVERALL .015" GRAY PVC JACKET

### 1. Conductor

- 1.1. AWG Size & Stranding: 18 AWG 7 Strands
- 1.2. Material: Bare Copper Wire
- 1.3. Conductor Count: 12 Conductors

### 2. Insulation

- 2.1. Material: 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
- 3.2. Shield: N/A
- 3.3. Drain Wire: N/A

### 4. Jacket

- 4.1. Material: Polyvinylchloride
- 4.2. Wall Thickness: 0.015"
- 4.3. Diameter: 0.275"
- 4.4. Color: Gray
- 4.5. Ripcord: Yes
- 4.6. Weight: 82 Lbs/Mft
- 4.7. Nominal Diameter: 0.277"

### 5. Markings

- 5.1. Type: Cable permanently identified via surface inkjet print
- 5.2. Legend: LAKE CABLE E171202 18AWG 12C 75C (UL) CL3R SUN RES OR FPLR OR C(UL)US CMR Ft4 "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 CMR per UL standard 444 and per CSA C22.2 No. 214-17
- 7.4. UL listed as CL3R per UL standard 13 or FPLR per UL standard 1424
- 7.5. Cable meets (UL) 1666 vertical shaft 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. Cable is REACH compliant per Regulation (EC) No 1907/2006 (219) Updated July 18th, 2021
- 7.8. Made in the USA
- 7.9. 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](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.**



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1343 Exchange Dr. Richardson, TX 75081 | 972-231-5600 | [www.bestwirecable.com](http://www.bestwirecable.com)

Information on this specification is subject to change without notice. REV 03062023

