



Specification Sheet

BWC Part Number#: 5180

Description: 22 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: 22 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"
- 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: 0.207"
- 4.4. Color: Gray
- 4.5. Ripcord: Yes
- 4.6. Weight: 38 Lbs/Mft
- 4.7. Nominal Diameter: 0.206"

5. Markings

- 5.1. Type: Cable permanently identified via surface inkjet print
- 5.2. Legend: LAKE CABLE E171202 22AWG 12C 75°C (UL) CL3R SUN RES OR FPLR OR C(UL)US CMR FT-4 "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 is RoHS III compliant per Directive 2015/863/EU
- 7.7. Cable is REACH compliant per Regulation (EC) No 1907/2006 Updated July, 7 2017
- 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. 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

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

