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Specification Sheet

Lake Cable Part #: SSTOOW123162-00

Description: Two element composite cable, unshielded, with an overall tissue wrap binder and a pressure extruded PVC jacket 600V. STOOW Flex cord cable, approved for use in sunlight and weather resistant 105°C applications as well as control tray cable 90°C applications.

Element 1: 12 AWG 3 conductor PVC Insulated

1. Conductor

- 1.1. AWG Size & Stranding: 12 AWG 65 Strands Class K
- 1.2. Material: Annealed Bare Copper
- 1.3. Conductor Count: 3 Conductors

2. Insulation

- 2.1. Material: Polyvinylchloride
- 2.2. Wall Thickness: 0.045"
- 2.3. Color Code: Black, White, Green

Element 2: 16 AWG 2 conductor PVC Insulated

3. Conductor

- 3.1. AWG Size & Stranding: 16 AWG 26 Strands Class K
- 3.2. Material: Annealed Bare Copper
- 3.3. Conductor Count: 2 Conductors

4. Insulation

- 4.1. Material: Polyvinylchloride
- 4.2. Wall Thickness: 0.0305"
- 4.3. Color Code: Red, Orange

Overall Assembly

5. Assembly: Element 1 thru 2

- 5.1. Fillers: Non-Hygroscopic Polypropylene - As required for a circular cross-section
- 5.2. Binder: Tissue Wrap - 100% Coverage
- 5.3. Shield: N/A
- 5.4. Drain Wire: N/A

6. Jacket

- 6.1. Material: Polyvinylchloride
- 6.2. Wall Thickness: 0.095"
- 6.3. Diameter: 0.631" -0.015"/+0.030"
- 6.4. Color: Black
- 6.5. Ripcord: No
- 6.6. Weight: 246 lbs./Mft.

7. Markings*

- 7.1. Type: Cable shall be permanently identified via surface inkjet print
- 7.2. Legend: CRANE PUMPS AND SYSTEMS E208309 12AWG (4.65MM2) 3C + 16AWG (3.02MM2) 2C (UL) TC THW-2/VW-1 600V 90C DRY/WET PVC JACKET SUN RES DIR BUR OIL RES I & II FT4 OR C(UL)US STOOW VW-1 105C 600V FT2 WATER RESISTANT SUN RES "ROHS COMPLIANT" MADE IN USA
- 7.3. Footage Markers: Yes, Ascending

Your signature constitutes that you have read and agreed to this specification sheet and upon confirmation of your order; this item may be non-cancelable and non-returnable.

Steve Seera
Signature

Per-Tech, Inc.
Company


10-28-24
Date



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8. Standards

- 8.1. Refer to NEC (NFPA 70) article 336 for installation guidelines
- 8.2. Cable is suitable for use in Class I Division 2 hazardous locations
- 8.3. UL listed as Type TC per UL Standard 1277 for tray cables
- 8.4. UL approved for Direct Burial, Sunlight and Oil I & II Resistant applications per UL 1277
- 8.5. Individual conductors pass UL VW-1 flame test, rated THW-2/VW-1
- 8.6. UL listed as Type STOOW per UL Standard 62 for flexible cords
- 8.7. UL approved for Sunlight, Oil and Weather Resistant & Water Submersed applications per UL 62
- 8.8. Cable meets UL 1581 & 1202 (FT-4) 70,000 BTU/HR
- 8.9. UL approved for Sunlight and Weather Resistant & Water Submersed applications
- 8.10. Cable meets RoHS 2002/95/EC Directive, RoHS 2 2011/65/EU Directive, RoHS 3 2015/863/EU Directive
- 8.11. Cable is REACH compliant per Regulation (EC) No 1907/2006 (219) Updated July 18th, 2021
- 8.12. Made in the USA
- 8.13.  **WARNING:** This product may contain chemicals, such as Vinyl Chloride, known to the state of California to cause birth defects or other reproductive harm. 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 LAKE CABLE AT THE TIME OF DESIGN.

****Client expressly indemnifies Lake Cable, LLC for any liabilities relating in any way to Lake Cable's placement of markings on the product, when such markings are specified for such placement by the client***

8.14.