



Specification Sheet

Lake Cable Part #: SJE00W182/X

Description: 18 AWG 2 conductor 16 strand bare copper with TPE insulation, unshielded with an overall TPE jacket 300V flex cord cable, approved for use in sunlight and weather resistant 105°C applications.

- 1. Conductor**
 - 1.1. AWG Size & Stranding: 18 AWG 16 Strands
 - 1.2. Material: Annealed Bare Copper
 - 1.3. Conductor Count: 2 Conductors
- 2. Insulation**
 - 2.1. Material: Thermoplastic Elastomer (TPE)
 - 2.2. Wall Thickness: 0.032"
 - 2.3. Color Code: Violet, Gray
- 3. Assembly**
 - 3.1. Lay Length: 1.75" LHL, (6.85 Tw/Ft)
 - 3.2. Fillers: Non-Hygroscopic Polypropylene - as required for a circular cross-section
 - 3.3. Binder: Non-Woven Polyester
- 4. Jacket**
 - 4.1. Material: Pressure Extruded Thermoplastic Elastomer
 - 4.2. Wall Thickness: 0.032"
 - 4.3. Diameter: 0.288" + 0.027" / - 0.008"
 - 4.4. Color: Black
 - 4.5. Ripcord: No
 - 4.6. Weight: 40 lbs./Mft.
- 5. Markings**
 - 5.1. Type: Cable shall be permanently identified via surface inkjet print
 - 5.2. Legend: LAKE CABLE E206089 18AWG (0.82mm²) 2C C(UL)US SJE00W 105C 300V FT2 WATER RESISTANT SUN RES P-07-KA150018-MSHA "ROHS COMPLIANT" MADE IN USA
 - 5.3. MSHA Stamp: P-07-KA150018-MSHA
 - 5.4. Footage Markers: Yes
- 6. Standards**
 - 6.1. UL listed as Type SJE00W per UL Standard 62 for flexible cords
 - 6.2. UL approved for Sunlight, Oil, Weather & Water Resistant applications
 - 6.3. Cable meets RoHS 2002/95/EC Directive, RoHS 2 2011/65/EU Directive, RoHS 3 2015/863/EU Directive
 - 6.4. Cable is REACH compliant per Regulation (EC) No 1907/2006 Updated June, 27 2018
 - 6.5. Operating Temperature: -40°C to 105°C
 - 6.6. Made in the USA
 - 6.7. **⚠️ 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

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.

Signature

Company

Date

ALL SPECIFIED PARAMETERS ARE NOMINAL AND SUBJECT TO VERIFICATION