



Specification Sheet

Lake Cable part #: S182CSFPTPE-00

Description: 18 AWG 2 conductors 16 strands bare copper wire, Foam PE insulation, a stranded bare copper drain wire, aluminum foil shield, with an overall TPE jacket. AWM 20626 80°C 600V for external wiring or external inter-connection of electronic equipment.

1. Conductor

- 1.1. AWG Size & Stranding: 18 AWG 16 Strands Class K
- 1.2. Material: Annealed Bare Copper
- 1.3. Conductor Count: 2 Conductors

2. Insulation

- 2.1. Material: Foam Polyethylene
- 2.2. Wall Thickness: 0.046"
- 2.3. Diameter: 0.138" ± 0.003"
- 2.4. Color Code: Green x Yellow

3. Assembly

- 3.1. Cable Lay Length: 3.50" LHL (3.43 tw/ft), Nominal
- 3.2. Filler: (2) Solid Polyethylene Rod Fillers
- 3.3. Shield: Aluminum/Mylar/Aluminum - 100% Coverage
- 3.4. Drain: 18 AWG 16 Strands Bare Copper Drain (Drain Outside of Foil)

4. Outer Jacket

- 4.1. Material: Tubed Thermoplastic Elastomer
- 4.2. Wall Thickness: 0.050"
- 4.3. Diameter: 0.380" ± 0.010"
- 4.4. Color: Black
- 4.5. Ripcord: N/A
- 4.6. Operating Temperature: UL -40°C CSA -25°C to 80°C
- 4.7. Weight: 63 lbs/Mft

5. Markings

- 5.1. Type: Cable permanently identified via surface inkjet print
- 5.2. Legend: E206787 18AWG 2C RU AWM 20626 80C 600V OR CSA LL226471 AWM I/II A/B 80C 600V FT1 FT2 "ROHS COMPLIANT" MADE IN USA
- 5.3. Footage Markers: Yes, Ascending/Descending

6. Electricals

- 6.1. Impedance: 120 Ω ± 10%
- 6.2. Capacitance: 11 pF/ft.
- 6.3. DC Resistance: 6.74 Ω/Mft. @ 20°C Max

7. Standards

- 7.1. For external wiring or external inter-connection of electronic equipment
- 7.2. UL listed as Type AWM 20626 80°C 600V per UL standard 758
- 7.3. CSA listed as AWM class I/II groups A/B per CSA No.210-11
- 7.4. Cable meets RoHS 2002/95/EC Directive, RoHS 2 2011/65/EU Directive, RoHS 3 2015/863/EU Directive
- 7.5. Maximum operating voltage: 600V RMS
- 7.6. Made in the USA
- 7.7. ⚠️ 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

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.

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