



# Specification Sheet

Lake Cable part #: S182CSFPTPE-00

(S182CST-20626)

**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.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)

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

## 4. Outer Jacket

- 4.1.Material: Tubed Thermoplastic Elastomer
- 4.2.Wall Thickness: 0.045"
- 4.3.Diameter: 0.380" Nominal
- 4.4.Color: Black
- 4.5.Ripcord: N/A
- 4.6.Weight: 68 lbs/Mft

## 5. Markings

- 5.1.Type: Cable permanently identified via surface inkjet print
- 5.2.Legend: E206787 18AWG 2C RU AWM 20626 80°C 600V OR CSA LL226471 AWM I/II A/B 80°C 600V FT1 FT2 -25°C "ROHS II" MADE IN USA
- 5.3.Footage Markers: Yes

## 6. Electricals

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

## 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
- 7.3.CSA listed as AWM class I/II groups A/B per CSA No.210-11
- 7.4.All materials used in the manufacture of this cable are RoHS II and REACH compliant
- 7.5.Maximum operating voltage: 600V RMS
- 7.6.Made in The USA

**ALL SPECIFIED PARAMETERS ARE NOMINAL AND SUBJECT TO VERIFICATION**