



Specification Sheet

Lake Cable Part #: SFF182CST19-02SD

Description: 18 AWG 2 conductors stranded tinned copper wire with FEP insulation, an aluminum/mylar shield with a stranded tinned copper drain wire and overall FEP jacket. CMP C(UL)US 200°C, FT-6 for low-voltage electronic cable applications

1. Conductor

- 1.1.AWG & Stranding: 18 AWG 19 Strands Class C
- 1.2.Material: Annealed Tinned Copper
- 1.3.Conductor Count: 2 Conductors

2. Insulation

- 2.1.Material: Fluorinated Ethylene Propylene
- 2.2.Conductor Diameter: 0.057" ± 0.002"
- 2.3.Wall Thickness: 0.007"
- 2.4.Color Code: Black, Red

3. Assembly

- 3.1.Cable Lay Length: 2.00" LHL (6.0 tw/ft)
- 3.2.Cable Shield: Aluminum/Mylar - 100% Coverage
- 3.3.Drain Wire: 20 AWG 7 Strands Tinned Copper

4. Jacket

- 4.1.Material: Fluorinated Ethylene Propylene
- 4.2.Wall Thickness: 0.014"
- 4.3.Diameter: 0.144" ± 0.012" (Absolute Max Diameter of 0.157" at any point)
- 4.4.Color: Solid Red
- 4.5.Ripcord: N/A
- 4.6.Weight: 28 Lbs/Mft

5. Markings

- 5.1. Type: Cable permanently identified via marker tape under jacket
- 5.2.Legend: E171197 18AWG 2C SHIELDED 200°C C(UL)US CMP FT-6 SUITABLE FOR OIL GAS SUN RES AND FOR WET LOCATIONS APPLICATIONS "ROHS II" MADE IN USA
- 5.3.Footage Markers: N/A

6. Typical Electrical Characteristics

- 6.1.Impedance: 38.3 Ω ± 10%
- 6.2.Capacitance: 38.9 pF/ft
- 6.3.DC Resistance: 5.4 Ω/Mft @ 20°C
- 6.4.Operating Voltage: 300V RMS Maximum

7. Standards

- 7.1.Cable is suitable for Oil, Gas and Sunlight Resistant and Wet Resistant applications
- 7.2.Cable suitable for installation under NEC (NFPA 70) article 800 guidelines
- 7.3.UL listed as type CMP c(UL)us 200°C FT-6 per UL standard 444
- 7.4.All materials used in the manufacture of this cable are RoHS II & REACH compliant
- 7.5.Made in the USA

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

Signature

Company

ALL SPECIFIED PARAMETERS ARE NOMINAL AND SUBJECT TO VERIFICATION