



# Specification Sheet

## Lake Cable Part #: CNB201PRS19/105C-IEWC

**Description:** 20 AWG 19 strands bare copper 1PR with Foamed XLPE insulation, an aluminum/mylar shield with a stranded bare copper drain wire and an overall PVC jacket 105°C rated.

### 1. Conductor

- 1.1. AWG Size & Stranding: 20 AWG 19 Strands Class C
- 1.2. Material: Annealed Bare Copper
- 1.3. Conductor Count: 1 Pair

### 2. Insulation

- 2.1. Material: Foamed Cross Linked Polyethylene (125°C)
- 2.2. Wall Thickness: 0.031"
- 2.3. Color code: Yellow x Green
- 2.4. Insulated Diameter: 0.100" ± 0.002"

### 3. Nominal Electrical Characteristics

- 3.1. Impedance: 110 Ω
- 3.2. Capacitance: 13 pF/ft
- 3.3. DC Resistance: 9.27 Ω/Mft @ 20°C Maximum
- 3.4. Operating Voltage: 300V RMS

### 4. Core Assembly

- 4.1. Cable Lay Length: 1.00" LHL (12.0 tw/ft), Nominal
- 4.2. Fillers: N/A
- 4.3. Drain Wire: 20 AWG 19 Strands Bare Copper
- 4.4. Shield: Aluminum/Mylar Shield - 100% Coverage (Foil Facing Out)

### 5. Jacket

- 5.1. Material: Polyvinylchloride (105°C)
- 5.2. Wall thickness: 0.025"
- 5.3. Diameter: 0.250" ± 0.015"
- 5.4. Color: Gray
- 5.5. Ripcord: N/A
- 5.6. Weight: 28 Lbs/Mft

### 6. Markings

- 6.1. Type: Cable permanently identified via surface inkjet print
- 6.2. Legend: LAKE CABLE 20AWG SAE J1939 CAN 1PR SHIELDED 105°C PVC JACKET  
SUNLIGHT/OIL RESISTANT "ROHS COMPLIANT" MADE IN USA
- 6.3. Footage Markers: N/A

### 7. Standards

- 7.1. No Agency Approvals
- 7.2. Operating Temperature: -40°C to 105°C
- 7.3. Cable is RoHS III compliant per Directive 2015/863/EU
- 7.4. Cable is REACH compliant per Regulation (EC) No 1907/2006 Updated July, 7 2017
- 7.5. Made in the USA

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

**\*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**

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.

*[Handwritten Signature]*  
\_\_\_\_\_  
Signature

*F-ONE, inc*  
\_\_\_\_\_  
Company

*5/25/2018*  
\_\_\_\_\_  
Date