



Specification Sheet

Lake Cable Part #: C242PRT(19)-00/NUL

Description: 24 AWG 2 pairs 19 strands Tinned copper wire, PP insulation, unshielded and an overall PVC jacket.

1. Conductor

- 1.1. AWG Size & Stranding: 24 AWG 19 Strands Class B
- 1.2. Material: Annealed Tinned Copper
- 1.3. Conductor Count: 2 Pairs

2. Insulation

- 2.1. Material: Polypropylene
- 2.2. Wall Thickness: 0.009"
- 2.3. Diameter: 0.043" +/- 0.002"
- 2.4. Color Code: Black x Red, Green x White

3. Assembly

- 3.1. Pair Lay Length: 1.25" LHL (9.06 Tw/Ft)
- 3.2. Cable Lay Length: 2.50" LHL (4.08 Tw/Ft)

4. Jacket

- 4.1. Material: Polyvinylchloride
- 4.2. Wall Thickness: 0.012"
- 4.3. Diameter: 0.165" +/- 0.015"
- 4.4. Color: Black
- 4.5. Ripcord: Yes
- 4.6. Ben Radius: Static: (5x Cable OD)/Dynamic: (10x Cable OD)
- 4.7. Weight: 11 Lbs/Mft


5. Markings

- 5.1. Type: Cable permanently identified via surface inkjet print
- 5.2. Legend: LAKE CABLE 24AWG 2PR 105C 300V "ROHS COMPLIANT" MADE IN USA
- 5.3. Footage Markers: Yes, Ascending, Descending

6. Nominal Electrical Characteristics

- 6.1. Impedance: 100 Ω
- 6.2. Capacitance: 15.5pF/ft.
- 6.3. DC Resistance: 22.7 Ω /Mft. @ 20°C

7. Standards

- 7.1. No Agency Approvals
- 7.2. Cable meets RoHS 2002/95/EC Directive, RoHS 2 2011/65/EU Directive, RoHS 3 2015/863/EU Directive
- 7.3. Cable is REACH compliant per Regulation (EC) No 1907/2006 (242) Updated November 7, 2024
- 7.4. Operating Voltage: 300V RMS
- 7.5. Made in the USA
- 7.6.  **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.

Rob Smith

Signature

iCONN System

Company

March 26, 2025

Date