

Your signature constitutes that

non-returnable.

**Rob Smith** 

**iCONN** System

March 26, 2025

Signature

Company

Date

you have read and agreed to this specification sheet and upon confirmation of your order; this item may be non-cancelable and

# **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. 5.

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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. AWARNING: This product may contain chemicals, such as Vinyl Chloride, known to the state of California to cause cancer. For more information, go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>. 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.

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