



# Specification Sheet

## Lake Cable Part #: V1611827(1)LADOT

**Description:** 16 AWG 1 conductor + 18 AWG 27 conductor solid bare copper with polyvinylchloride and nylon insulation, unshielded with an overall PVC jacket 600V, 90°C applications.

### Element 1

#### 1. Conductor (First Element)

- 1.1. AWG Size & Stranding: 16 AWG Solid
- 1.2. Material: Annealed Bare Copper
- 1.3. Conductor Count: 1 Conductors

#### 2. Insulation

- 2.1. Material: Polyvinylchloride & Nylon
- 2.2. Wall Thickness: 0.016" PVC & 0.005" Nylon
- 2.3. Color Code: White

### Element 2

#### 3. Conductor (Second Element)

- 3.1. AWG Size & Stranding: 18 AWG Solid
- 3.2. Material: Annealed Bare Copper
- 3.3. Conductor Count: 27 Conductors

#### 4. Insulation

- 4.1. Material: Polyvinylchloride & Nylon
- 4.2. Wall Thickness: 0.016" PVC & 0.005" Nylon
- 4.3. Color Code: Red/Black, Yellow/Black, Brown/Black, Red/Orange, Yellow/Orange, Brown/Orange, Red/Gray, Yellow/Gray, Brown/Gray, Red/Purple, Yellow/Purple, Brown/Purple, White/Black, Black/Red, Red/Black/Black, Brown/Black/Black, Red/Orange/Orange, Red/Gray/Gray, Brown/Gray/Gray, Red/Purple/Purple, Brown/Purple/Purple, Blue/Black, Blue/Orange, Blue/Gray, Blue/Purple, Black (*First Stripe is a co-extruded stripe, Second Stripe is a spiral ink stripe*)

#### 5. Overall Assembly

- 5.1. Fillers: Non-Hygroscopic Polypropylene - As required for a circular cross-section
- 5.2. Binder: Clear Mylar

#### 6. Jacket

- 6.1. Material: Polyvinylchloride
- 6.2. Wall Thickness: 0.060"
- 6.3. Diameter: 0.637" +/- 0.055"
- 6.4. Color: Black
- 6.5. Ripcord: Yes
- 6.6. Cold Bend Rating: -40°C
- 6.7. Weight: 314 lbs./Mft.

#### 7. Markings\*

- 7.1. Type: Cable shall be permanently identified via surface inkjet print
- 7.2. Legend: LAKE CABLE TFN 27/C 18AWG 1/C 16AWG 600V MADE IN USA
- 7.3. Footage Markers: Yes

#### 8. Standards

- 8.1. Cable is suitable for Sunlight Resistant applications
- 8.2. Cable meets RoHS 2002/95/EC Directive, RoHS 2 2011/65/EU Directive, RoHS 3 2015/863/EU Directive
- 8.3. Cable is REACH compliant per Regulation (EC) No 1907/2006 (197) Updated January 15, 2019
- 8.4. Made in the USA
- 8.5. **⚠ WARNING:** This product may contain chemicals, such as Vinyl Chloride, known to the state of California to cause birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov). Wash hands after handling

**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.

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Signature

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Company

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Date