



Specification Sheet

Lake Cable Part #: S162C/TPE-IEWC

Description: 16 AWG 2 conductor 19 strand tinned copper wire with TPE insulation, unshielded, and an overall TPE jacket.

1. Conductor

- 1.1. AWG Size & Stranding: 16 AWG 19 Strands
- 1.2. Material: Annealed Tinned Copper
- 1.3. Conductor Count: 2 Conductors

2. Insulation

- 2.1. Material: Thermoplastic Elastomer (TPE)
- 2.2. Wall Thickness: 0.016"
- 2.3. Diameter: 0.088" ± 0.002"
- 2.4. Color Code: Black, Red

3. Assembly

- 3.1. Nominal Lay Length: 2.50" LHL (4.80 Tw/Ft)
- 3.2. Filler: Fibrillated Polypropylene - in the core as Necessary for a circular cross-section
- 3.3. Separator: Non-Woven Polyester - 100% Coverage

4. Jacket

- 4.1. Material: Thermoplastic Elastomer (TPE)
- 4.2. Wall Thickness: 0.031"
- 4.3. Diameter: 0.242" ± 0.005"
- 4.4. Color: Black
- 4.5. Ripcord: No
- 4.6. Weight: 37.1 Lbs/Mft

White Ink Jet Print

5. Markings

HCD-16/2C-TPE-BLK -50C/125C 300V ROHS AND REACH COMPLIANT

6. Standards

- 6.1. No agency approvals
- 6.2. Temperature Range: -50C to +125C
- 6.3. Cable meets RoHS 2002/95/EC Directive, RoHS 2 2011/65/EU Directive, RoHS 3 2015/863/EU Directive
- 6.4. Cable is REACH compliant per Regulation (EC) No 1907/2006 (219) Updated January 15, 2021
- 6.5. Operating Voltage: 300V RMS Maximum
- 6.6. Made in the USA
- 6.7. ⚠️ **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

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.

Signature

Company

Date

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.