



Specification Sheet

Lake Cable Part C162CN-2464

Description: 16 AWG 2 conductors 19 strands bare copper wire with PVC/Nylon insulation and an overall PVC jacket.

1. Conductor

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

2. Insulation

- 2.1. Material: PVC/Nylon
- 2.2. Wall Thickness: 0.016" PVC & 0.005" Nylon
- 2.3. Diameter: 0.099" $\pm$ 0.002"
- 2.4. Color Code: Red, Black

3. Cable Assembly

- 3.1. Lay Length: 3.00" LHL, Nominal
- 3.2. Filler: N/A
- 3.3. Separator: Tissue Paper - 100% Coverage

4. Jacket

- 4.1. Material: Pressure Extruded PVC
- 4.2. Wall Thickness: 0.047"
- 4.3. Diameter: 0.294" $\pm$ 0.010"
- 4.4. Color: Gray
- 4.5. Convolution Standard: Level 2 or Better
- 4.6. Ripcord: N/A
- 4.7. Weight: 55 Lbs/Mft

5. Markings

- 5.1. Type: Cable permanently identified via surface inkjet print
- 5.2. Legend: HANOVER DISPLAYS E206787 16AWG 2C RU AWM 2464 300V 80C
"ROHS COMPLIANT" MADE IN USA
- 5.3. Footage Markers: N/A

6. Nominal Electrical Characteristics

- 6.1. Conductor DCR: 4.15 Ω /Mft. Maximum @ 20C
- 6.2. Ampacity: 18 Amps**
**based on ambient temperature of 30C

7. Standards

- 7.1. UL recognized component AWM 2464 per UL standard 758
- 7.2. For internal wiring or external interconnection of electronic equipment
- 7.3. Minimum Bend Radius: 5X Cable OD (Static); 10X Cable OD (Dynamic)
- 7.4. Operating Temperature: -40C to 80C
- 7.5. Maximum Operating Voltage: 300V RMS
- 7.6. Cable meets RoHS 2002/95/EC Directive, RoHS 2 2011/65/EU Directive, RoHS 3 2015/863/EU Directive
- 7.7. Cable is REACH compliant per Regulation (EC) No 1907/2006 (197) Updated January 15, 2019
- 7.8. Made in the USA
- 7.9. Due to the frequent updates to regulations, specifically California Proposition 65, EU REACH SVHCs and ROHS please contact Lake Cable for the most up to date compliance statement.

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.