



Specification Sheet

Lake Cable Part #: S246CTPSER19-TPU

Description: 24 AWG 6 conductors 19 strands tinned copper wire with HDPE insulation, spiral serve and an overall TPU jacket.

1. Conductor

- 1.1. AWG Size & Stranding: 24 AWG 19 Strands
- 1.2. Material: Annealed Tinned Copper
- 1.3. Conductor Count: 6 Conductors

2. Insulation

- 2.1. Material: HDPE
- 2.2. Wall Thickness: 0.008"
- 2.3. Diameter: 0.041" $\pm$.002"
- 2.4. Color Code: Green, Blue, Yellow, White, Black, Red

3. Cable Assembly

- 3.1. Lay Length: 1.75", LHL (6.85 tw/ft) Nominal
- 3.2. Filler: Aramid Fiber to form a circular cross section
- 3.3. Spiral Serve: 38 AWG Tinned Copper - 90% Min. Coverage
- 3.4. Separator: Tissue Paper - 100% Coverage

4. Jacket

- 4.1. Material: Pressure Extruded TPU (Halogen Free)
- 4.2. Wall Thickness: 0.031"
- 4.3. Diameter: 0.197" $\pm$ 0.008"
- 4.4. Color: Gray
- 4.5. Bend Radius: 2.00" Static
- 4.6. Ripcord: N/A
- 4.7. Weight: 28 Lbs/Mft

5. Markings

- 5.1. Type: Cable permanently identified via surface inkjet print
- 5.2. Legend: ASCENT IEWC 24 AWG 6C 19TC SHLD 80C 300V HDPE/TPU
- 5.3. Footage Markers: N/A

6. Standards

- 6.1. No Agency Approvals
- 6.2. Operating Temperature: -40C to 80C
- 6.3. Operating Voltage: 300V RMS
- 6.4. Made in the USA
- 6.5. 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.