



Specification Sheet

Lake Cable Part #: CX1812T(41)KV/PU

Description: 18 AWG 12 conductors 41 strands tinned copper wire with XLPE insulation, a an inner TPU jacket, a Kevlar Braid reinforcement layer, and an overall TPU jacket.

1. Conductor

- 1.1.AWG & Stranding: 18 AWG 41 Strands Class M
- 1.2.Material: Annealed Tinned Copper
- 1.3.Conductors Count: 12 Conductors

2. Insulation

- 2.1.Material: XLPE
- 2.2.Wall Thickness: 0.016"
- 2.3.Diameter: 0.079" ± 0.002"
- 2.4.Color Code: Black, Red, White, Blue, Orange, Green, Black/White, Blue/Black, Orange/Black, Green/Black, Red/Black, White/Black

3. Cable Assembly

- 3.1.Lay Length: 4.00" LHL, Nominal
- 3.2.Separator: Tissue Paper
- 3.3.Inner Jacket: Polyurethane
- 3.4.Reinforcement Layer: Kevlar Braid (Between Inner and Outer Jacket)

4. Jacket

- 4.1.Material: Pressure Extruded Polyurethane
- 4.2.Wall Thickness: 0.106"
- 4.3.Diameter: 0.630" ± 0.020"
- 4.4.Color: Black
- 4.5.Ripcord: N/A
- 4.6.Weight: 247 lbs/Mft

5. Markings

- 5.1.Type: Cable permanently identified via surface inkjet print
- 5.2.Legend: E206787 18AWG 12C RU AWM 20669 90C 600V OR cRU AWM I/II A/B 90C 600V FT1 FT2 "ROHS COMPLIANT" MADE IN USA
- 5.3.Footage markers: N/A

6. Standards

- 6.1.UL recognized component AWM 20669 per UL standard 758
- 6.2.cRU component AWM I/II A/B per CSA Standard C22.2 No. 210-15
- 6.3.For external interconnection of electronic equipment
- 6.4.Operating Temperature: -40C to 90C
- 6.5.Maximum Operating Voltage: 600V RMS
- 6.6.Cable meets RoHS 2002/95/EC Directive, RoHS 2 2011/65/EU Directive, RoHS 3 2015/863/EU Directive
- 6.7.Made in the USA
- 6.8.⚠️ **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

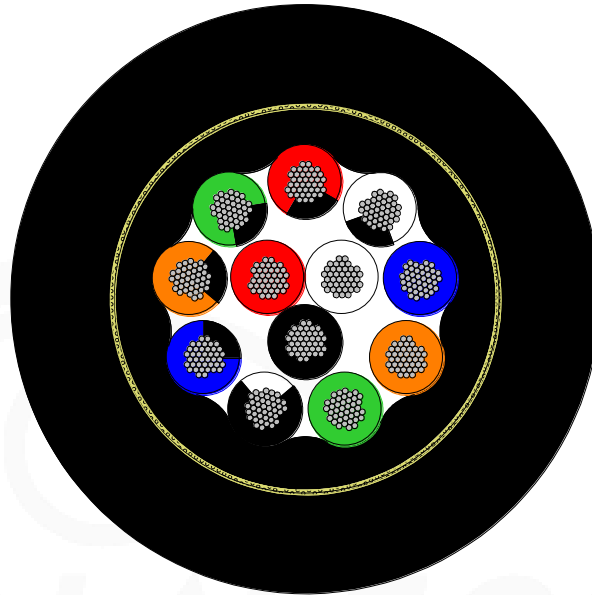
Company

Date



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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.