



Specification Sheet

Lake Cable Part #: C6C4E/TPU-IEWC

Description: Four element composite cable, unshielded, with an overall pressure extruded TPU jacket.

Element 1

- 1. Conductor**
 - 1.1. AWG Size & Stranding: 20 AWG 7 Strands Class B
 - 1.2. Material: Annealed Tinned Copper
 - 1.3. Conductor Count: 1 Pair
- 2. Insulation**
 - 2.1. Material: Polyvinylchloride
 - 2.2. Wall Thickness: 0.010"
 - 2.3. Diameter: 0.056" ± 0.002"
 - 2.4. Color Code: Red x Black
- 3. Assembly**
 - 3.1. Pair Lay Length: 1.25" LHL

Element 2

- 4. Conductor**
 - 4.1. AWG Size & Stranding: 20 AWG 7 Strands Class B
 - 4.2. Material: Annealed Tinned Copper
 - 4.3. Conductor Count: 1 Conductor
- 5. Insulation**
 - 5.1. Material: Polyvinylchloride
 - 5.2. Wall Thickness: 0.010"
 - 5.3. Diameter: 0.056" ± 0.002"
 - 5.4. Color Code: Red/White

Element 3

- 6. Conductor**
 - 6.1. AWG Size & Stranding: 24 AWG 7 Strands Class B
 - 6.2. Material: Annealed Tinned Copper
 - 6.3. Conductor Count: 1 Pair
- 7. Insulation**
 - 7.1. Material: Polyvinylchloride
 - 7.2. Wall Thickness: 0.009"
 - 7.3. Diameter: 0.041" ± 0.002"
 - 7.4. Color Code: Green x Yellow
- 8. Assembly**
 - 8.1. Pair Lay Length: 0.75" LHL

Element 4

- 9. Conductor**
 - 9.1. AWG Size & Stranding: 24 AWG 7 Strands Class B
 - 9.2. Material: Annealed Tinned Copper
 - 9.3. Conductor Count: 1 Conductor
- 10. Insulation**
 - 10.1. Material: Polyvinylchloride
 - 10.2. Wall Thickness: 0.009"
 - 10.3. Diameter: 0.041" ± 0.002"
 - 10.4. Color Code: White

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.

[Handwritten Signature]

Signature

ICONN SYSTEMS

Company

3/10/23

Date



Specification Sheet

Lake Cable Part #: C6C4E/TPU-IEWC

Overall Assembly Elements 1 -4

Assembly

- 10.5. Cable Lay Length: 2.25" LHL, Nominal
- 10.6. Fillers: Fibrillated Polypropylene - as necessary for a circular cross-section
- 10.7. Binder/Separator: Non-Woven Polyester Tape - 100% Coverage

11. Jacket

- 11.1. Material: Pressure Extruded Thermoplastic Urethane
- 11.2. Wall Thickness: 0.033"
- 11.3. Convolution Level: 3 or Better
- 11.4. Diameter: 0.240" ± 0.010"
- 11.5. Color: Black
- 11.6. Ripcord: N/A
- 11.7. Weight: 34 Lbs/Mft

12. Markings*

- 12.1. Type: Cable identified via surface inkjet print in white ink
- 12.1. Legend: E206787-01 20AWG 1PR + 20AWG 1C + 24AWG 1PR + 24AWG 1C RU AWM 20668
90C 300V "ROHS COMPLIANT" MADE IN USA
- 12.2. Footage Markers: Yes (Ascending)

13. Standards

- 13.1. UL recognized component AWM 20668 per UL standard 758
- 13.2. Operating Voltage: 300V RMS
- 13.3. Cable meets RoHS 2002/95/EC Directive, RoHS 2 2011/65/EU Directive, RoHS 3 2015/863/EU Directive
- 13.4. Made in the USA
- 13.5. ⚠️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

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.

***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**