



Specification Sheet

Lake Cable Part #: C123201PRS/20327

Description: Two element composite cable, unshielded, with an overall TPE jacket. AWM 20327 300V 105C

- 12 AWG 3C 65 Strand BC TPE Insulated Unshielded
- 20 AWG 1PR 7 Strand BC TPE Insulated Shielded

Element 1: 12 AWG 3C 65 Strand BC TPE Insulated Unshielded

- Conductor**
 - 1.1. AWG Size & Stranding: 12 AWG 65 Strands Class K
 - 1.2. Material: Annealed Tinned Copper
 - 1.3. Conductor Count: 3 Conductor
- Insulation**
 - 2.1. Material: Thermoplastic Elastomer
 - 2.2. Wall Thickness: 0.031"
 - 2.3. Conductor Diameter: 0.0154" ± 0.002"
 - 2.4. Color Code: Black, White, Green

Element 2: 20 AWG 1PR 7 Strand BC TPE Insulated Shielded

- Conductor**
 - 3.1. AWG Size & Stranding: 20 AWG 7 Strands Class B
 - 3.2. Material: Annealed Tinned Copper
 - 3.3. Conductor Count: 2 Conductors
- Insulation**
 - 4.1. Material: Thermoplastic Elastomer
 - 4.2. Wall Thickness: 0.031"
 - 4.3. Conductor Diameter: 0.100" ± 0.002"
 - 4.4. Color Code: Orange x Brown
- Pair Assembly**
 - 5.1. Pairs Lay Length: 3.00 LHL (4.00 tw/ft), Nominal
 - 5.2. Drain Wire: 24 AWG 7 Strands Tinned Copper
 - 5.3. Shield: Aluminum/Mylar Tape - 100% Coverage (Foil Facing In)

Overall Assembly Elements 1 & 2

- Cable Assembly**
 - 6.1. Cable Lay Length: 6.00" LHL (2.00 tw/ft), Nominal
 - 6.2. Fillers: Fibrillated Polypropylene as necessary for a circular cross-section
 - 6.3. Separator: Tissue - 100% Coverage

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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7. Jacket

- 7.1. Material: Pressure Extruded Thermoplastic Elastomer
- 7.2. Convolution Level: 3 or Better
- 7.3. Wall Thickness: 0.050"
- 7.4. Diameter: 0.490" ± 0.030"
- 7.5. Color: Black
- 7.6. Ripcord: No
- 7.7. Weight: 157 Lbs/Mft

8. Markings

- 8.1. Type: Cable permanently identified via surface inkjet print
- 1.1. Legend: LAKE CABLE E206787-01 12AWG 3C + 20AWG 1PR SHIELDED RU AWM 20327 300V 105C "ROHS COMPLIANT" MADE IN USA
- 8.2. Footage Markers: Yes (Ascending)

9. Standards

- 9.1. UL recognized component AWM Style 20327 300V 105°C per UL standard 758
- 9.2. Cable meets RoHS 2002/95/EC Directive, RoHS 2 2011/65/EU Directive, RoHS 3 2015/863/EU Directive
- 9.3. Cable is REACH compliant per Regulation (EC) No 1907/2006 (197) Updated June 10, 2022 Made in the USA
- 9.4.  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.