



Specification Sheet


Lake Cable Part #: STN1810181PSTBER-CIC

Description: 18 AWG 12-conductor composite cable with stranded tinned copper wire, PVC/Nylon insulation, an overall tinned copper braid shield with a TPE jacket. (UL) PLTC-ER or ITC-ER 105°C SUN RES FT-4 or C(UL) CIC 90°C Dry 75°C Wet

Element 1: 18 AWG 10 Conductors Unshielded

- 1. Conductor**
 - 1.1. AWG Size & Stranding: 18 AWG 19 Strands Class C
 - 1.2. Material: Annealed Tinned Copper
 - 1.3. Conductor Count: 10 Conductors
- 2. Insulation**
 - 2.1. Material: Polyvinylchloride / Nylon
 - 2.2. Wall Thickness: 0.015" / 0.005"
 - 2.3. Color Code: Black/Yellow, Violet/White, Black/Orange, Orange/White, Brown/Black, Blue/Red, Yellow/Black, Red/Black, Red/White, Blue/Black

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

1CONN

Company

6.4.18

Date

Element 2: 18 AWG 1 Pair Shielded

- 3. Conductor**
 - 3.1. AWG Size & Stranding: 18 AWG 19 Strands Class C
 - 3.2. Material: Annealed Tinned Copper
 - 3.3. Conductor Count: 1 Pair
- 4. Insulation**
 - 4.1. Material: Polyvinylchloride / Nylon
 - 4.2. Wall Thickness: 0.015" / 0.005"
 - 4.3. Color Code: Brown/Orange x Orange/Black
- 5. Pair Assembly**
 - 5.1. Lay Length: 1.75" LHL (6.86 tw/ft), Nominal
 - 5.2. Shield: Aluminum/Mylar Tape - 100% Coverage (foil in)
 - 5.3. Drain Wire: 20 AWG 7 Strands Tinned Copper
- 6. Overall Cable Assembly**
 - 6.1. Lay Length: 4.00" LHL (3.0 tw/ft), Nominal
 - 6.2. Filler: Flame Retardant Fibrillated Polypropylene
 - 6.3. Shield: Aluminum/Mylar Tape - 100% Coverage (foil out)
 - 6.4. Drain Wire: 20 AWG 7 Strands Tinned Copper
 - 6.5. Braid Shield: Tinned Copper - 60% Min. Coverage (70% Maximum)
 - 6.6. Separator: Tissue Paper

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7. Jacket

- 7.1. Material: Pressure Extruded TPE
- 7.2. Wall Thickness: 0.060"
- 7.3. Diameter: 0.520" ± 0.010"
- 7.4. Color: Black
- 7.5. Ripcord: N/A
- 7.6. Weight: 194 Lbs/Mft
- 7.7. Cold Bend Temp: -40°C

8. Markings

- 8.1. Type: Cable permanently identified via surface inkjet print
- 8.2. Legend: LAKE CABLE E208158 18AWG 10C + 18AWG 1PR SHIELDED 105°C (UL) ITC-ER SUN RES OR PLTC-ER OR C(UL) CIC PVC/N 90°C DRY 75°C WET 300V SHIELDED FT1 FT4 SUN RES "ROHS COMPLIANT" MADE IN USA
- 8.3. Footage Markers: N/A

9. Standards

- 9.1. Cable suitable for installation under NEC (NFPA 70) article 725 and 727 guidelines
- 9.2. Cable suitable for installation under Canadian National Electrical Code (CEC) part I guidelines
- 9.3. Cable is suitable for use in Class I Division 2 hazardous locations
- 9.4. UL listed PLTC-ER per UL standard 13 and ITC-ER per UL standard 2250
- 9.5. C(UL) listed CIC per CSA standard C22.2 No. 239-09
- 9.6. Cable is UL approved for Sunlight Resistant and Exposed Run Applications
- 9.7. Cable Meets IEEE-1202 flame test
- 9.8. Cable is RoHS III complaint per Directive 2015/863/EU
- 9.9. Cable is REACH compliant per Regulation (EC) No 1907/2006 Updated July, 7 2017
- 9.10. Operating Temperature: -40°C to 105°C
- 9.11. Voltage Withstand: 1500Vac
- 9.12. Maximum Operating Voltage: 300V RMS
- 9.13. Made in the USA

ALL SPECIFIED PARAMETERS ARE NOMINAL AND SUBJECT TO VERIFICATION