



Specification Sheet

Lake Cable Part #: STXC224EPST19BRD/CIC

Description: 22 AWG 4 pairs stranded tinned copper wire with XLPE insulation, individually shielded pairs with stranded tinned copper drain wires, and a tinned copper braid shield with an overall CPE jacket.

- 1. Conductor**
 - 1.1. AWG Size & Stranding: 22 AWG 19 Strands Class C
 - 1.2. Material: Annealed Tinned Copper
 - 1.3. Conductor Count: 4 Pairs

- 2. Insulation**
 - 2.1. Material: Cross Linked Polyethylene
 - 2.2. Wall Thickness: 0.017"
 - 2.3. Color Code: Black x White, Black x Red, Black x Orange, Black x Green

- 3. Cable Assembly**
 - 3.1. Pair Lay Length: 1.25" LHL (9.6 tw/ft)
 - 3.2. Each Pair Shield: Foil Free Edge Aluminum/Mylar - 100% Coverage
 - 3.3. Each Pair Drain Wire: 22 AWG 19 Strands Tinned Copper
 - 3.4. Cable Lay Length: 3.75" LHL (3.2 tw/ft) Nominal
 - 3.5. Filler: Fibrillated Polypropylene
 - 3.6. Binder: Clear Mylar Tape - 100% Coverage
 - 3.7. Braid: 36 AWG Tinned Copper - 85% Coverage
 - 3.8. Separator: Tissue Paper - 100% Coverage

- 4. Jacket**
 - 4.1. Material: Chlorinated Polyethylene
 - 4.2. Wall Thickness: 0.063"
 - 4.3. Diameter: 0.435" ± 0.020"
 - 4.4. Color: Black
 - 4.5. Ripcord: N/A
 - 4.6. Weight: 125 Lbs/Mft
 - 4.7. Operating Temp: -40°C to 105°C

- 5. Markings**
 - 5.1. Type: Cable permanently identified via surface inkjet print
 - 5.2. Legend: LAKE CABLE E171202 22AWG 4PR EPS 105C (UL) PLTC OIL RES I & II OR CL3 SUN RES OR C(UL) CIC XLPE 90C DRY/WET 300V SHIELDED FT1 FT4 "ROHS COMPLIANT" MADE IN USA
 - 5.3. Footage Markers: Yes

- 6. Nominal Electrical Characteristics**
 - 6.1. Impedance: 75 Ω
 - 6.2. Mutual Capacitance: 21 pF/ft
 - 6.3. Grounded Capacitance: 39 pF/ft
 - 6.4. Conductor DCR: 14.72 Ω/Mft @ 20°C
 - 6.5. Operating Voltage: 300V RMS

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. Standards

- 7.1. Cable suitable for installation under NEC (NFPA 70) article 725 guidelines
- 7.2. UL listed as type PLTC & CL3 per UL standard 13
- 7.3. C(UL) listed CIC per CSA Standard C22.2 No 239-09
- 7.4. UL approved for Sunlight Resistant and OIL RES II applications
- 7.5. Cable meets RoHS 2002/95/EC Directive, RoHS 2 2011/65/EU Directive, RoHS 3 2015/863/EU Directive
- 7.6. Cable is REACH compliant per Regulation (EC) No 1907/2006 Updated June, 27 2018
- 7.7. Made in the USA
- 7.8. **⚠️ 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

ALL SPECIFIED PARAMETERS WITHOUT A TOLERANCE ARE NOMINAL AND SUBJECT TO VERIFICATION

