



Specification Sheet

Lake Cable Part #: STXC224EPST19BRD

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

1. Conductor

- 1.1. AWG & 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: FFE 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

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

5. Markings

- 5.1. Type: Cable permanently identified via surface inkjet print
- 5.2. Legend: LAKE CABLE E171202 22AWG 4PR EPS (UL) PLTC OIL RES I & II OR (UL) CL3 105°C
SUN RES "ROHS II" FT-4 MADE IN USA
- 5.3. Footage Markers: N/A

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 Maximum

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. UL approved for Sunlight Resistant and OIL RES II applications
- 7.4. Operating Temperature Range: -40°C to 105°C
- 7.5. All materials used in the manufacturing of this cable are RoHS II & REACH compliant
- 7.6. Maximum Operating Voltage: 300V RMS
- 7.7. Made in the USA

ALL SPECIFIED PARAMETERS ARE NOMINAL AND SUBJECT TO VERIFICATION

Your signature constitutes that you have read and agreed to this specification sheet and upon confirmation of you order; this item may be non-cancelable and non-returnable.

Signature

Company