



# Specification Sheet

Lake Cable Part #: AVPLUT522S-98

**Description:** 22 AWG, 5 conductor solid bare copper with FEP insulation, aluminum/mylar shielded with a stranded tinned copper drain wire and an overall FEP jacket. Sensor cable for Lutron Eco Systems

- 1. **Conductor**
  - 1.1.AWG & Stranding: 22 AWG Solid
  - 1.2.Material: Annealed Bare Copper
  - 1.3.Conductor Count: 5 Conductors
  
- 2. **Insulation**
  - 2.1.Material: Fluorinated Ethylene Propylene
  - 2.2.Wall Thickness: 0.009"
  - 2.3.Color Code: Black, Red, White, Yellow & Blue
  
- 3. **Assembly**
  - 3.1.Cable Lay Length: 2.00" LHL (6 Tw/Ft)
  - 3.2.Cable Shield: Aluminum/Mylar Tape - 100% coverage
  - 3.3.Cable Drain Wire: 22 AWG Solid Tinned Copper
  
- 4. **Jacket**
  - 4.1.Material: Fluorinated Ethylene Propylene
  - 4.2.Wall Thickness: 0.012"
  - 4.3.Diameter: 0.144"
  - 4.4.Color: Natural
  - 4.5.Ripcord: Yes
  - 4.6.Weight: 24 Lbs/Mft
  
- 5. **Markings**
  - 5.1.Type: Cable permanently identified with marker tape under jacket
  - 5.2.Legend: AVALANCHE™ MFG FOR LUTRON ECO SYSTEM 22AWG 5C SHIELDED E171197 (UL) CMP C(UL)US OR (UL) CL3P 200°C FT-6 "ROHS"
  - 5.3.Footage markers: N/A
  
- 6. **Nominal Electrical Characteristics**
  - 6.1.DC Resistance: 16.5 Ω/Mft @ 20°C
  - 6.2.Impedance: 64 Ω
  - 6.3.Capacitance: 22.8 pF/ft
  
- 7. **Standards**
  - 7.1.Cable suitable for installations under NEC (NFPA 70) article 725 and article 800 guidelines
  - 7.2.UL listed as Type CL3P per UL Standard 13 or as type CMP c(UL)us 200°C FT-6 per UL Standard 444
  - 7.3.All materials used in the manufacture of this cable are RoHS compliant
  - 7.4.Maximum Operating Voltage: 300V
  - 7.5.Made in the USA

*ALL SPECIFIED PARAMETERS ARE NOMINAL AND SUBJECT TO VERIFICATION*