



9837 Pioneer Blvd
Santa Fe Springs, CA 90670
Ph: 562-463-9160 Fax: 562-463-9170
www.allstarcable.com

Specification Sheet

Part# LUT-QSHS-PVC

Description: Two element composite cable with an overall PVC jacket for use with Lutron Sivoia Shading Systems

(2C) 16AWG 19 Strands BC PVC insulated Unshielded
(1P) 22AWG 7 Strands BC PVC insulated Shielded

Element 1: (Power/Control) 16 AWG 2C Unshielded PVC Insulated

- 1. **Conductor**
 - 1.1. AWG & Stranding: 16 AWG 19 Strands Class C
 - 1.2. Material: Annealed Bare Copper
 - 1.3. Conductor Count: 2 Conductors
- 2. **Insulation**
 - 2.1. Material: Polyvinylchloride (PVC)
 - 2.2. Wall Thickness: 0.011"
 - 2.3. Color Code: Black & Red

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

Element 2: (Data) 22 AWG 1PR Shielded PE Insulated

- 3. **Conductor**
 - 3.1. AWG & Stranding: 22 AWG 7 Strands Class B
 - 3.2. Material: Annealed Bare Copper
 - 3.3. Conductor Count: 2 Conductors
- 4. **Insulation**
 - 4.1. Material: Polyethylene (PE)
 - 4.2. Wall Thickness: 0.015"
 - 4.3. Color Code: Violet & White
- 5. **Assembly**
 - 5.1. Cable Lay Length: Cabled in a Common-Axis with Element 1
 - 5.2. Cable Drain Wire: 24 AWG 7 Strand Tinned Copper (Drain Inside Foil Shield)
 - 5.3. Cable Shield: Aluminum/Mylar Tape - 100% coverage (Foil Facing Inside)
- 6. **Nominal Electrical Characteristics**
 - 6.1. DC Resistance: 14.8 Ω/Mft @ 20°C
 - 6.2. Mutual Capacitance: 19.7 pF/ft
 - 6.3. Mutual Impedance: 77 Ω

Overall Assembly for Element 1 & 2

- 7. **Assembly**
 - 7.1. Cable Lay Length: 3.25" LHL (3.7 tw/ft)



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8. Jacket

- 8.1. Material: Polyvinylchloride
- 8.2. Wall Thickness: 0.025"
- 8.3. Diameter: 0.254"
- 8.4. Color: White
- 8.5. Ripcord: Yes
- 8.6. Weight: 42 Lbs/Mft

9. Markings

- 9.1. Type: Cable permanently identified with inkjet print.
- 1.1. Legend: AVALANCHE(TM) PELV/SELV AVLUQSHS E171197 16AWG 2C + 22AWG 1PR SHIELDED (UL) CMR C(UL)US OR (UL) CL3R 75°C "ROHS" FT-4
- 9.2. Footage Markers: Yes, Sequential Footage Markers Every Two Feet

10. Standards

- 10.1. Cable suitable for installations under NEC (NFPA 70) article 800 and article 725 guidelines
- 10.2. UL listed as Type CMR c(UL)us, 75°C per UL Standard 444 and as Type CL3R per UL standard 13
- 10.3. All materials used in the manufacture of this cable are RoHS compliant
- 10.4. Recommended Operating Voltage: 300V
- 10.5. Made in the USA

ALL SPECIFIED PARAMETERS ARE NOMINAL AND SUBJECT TO VERIFICATION