

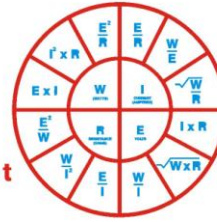


industrial electronics, inc.

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1353 Mookaula Street
Honolulu, HI 96817



Specification Sheet

Part# LUT-QSHL-PVC

Description: Two element composite cable with an overall PVC jacket for Lutron Lighting Control application
(2C) 12AWG 19 Strands BC PVC insulated Unshielded
(1P) 22AWG 7 Strands BC PE insulated Shielded

Element 1: (Power/Control) 12 AWG 2C Unshielded PVC Insulated

- 1. **Conductor**
 - 1.1. AWG & Stranding: 12 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: 0.012"
 - 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: 1 Pair
- 4. **Insulation**
 - 4.1. Material: Polyethylene
 - 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: 4.00" LHL (3.0 tw/ft)

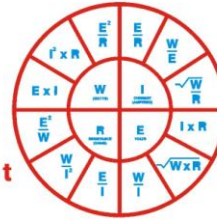


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8. Jacket

- 8.1. Material: Polyvinylchloride
- 8.2. Wall Thickness: 0.025"
- 8.3. Diameter: 0.301"
- 8.4. Color: White
- 8.5. Ripcord: Yes
- 8.6. Weight: 72 Lbs/Mft

9. Markings

- 9.1. Type: Cable permanently identified with inkjet print.
- 9.2. Legend: AVALANCHE™ PELV/SELV E171202 12AWG 2C + 22AWG 1PR SHIELDED (UL) CL3 75°C "ROHS"
- 9.3. Footage Markers: Yes

10. Standards

- 10.1. Cable suitable for installations under NEC (NFPA 70) article 800 and article 725 guidelines
- 10.2. UL listed as Type CL3 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