

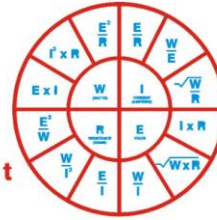


Industrial electronics, inc.

Phone (808) 847-4300

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1353 Mookaula Street
Honolulu, HI 96817



Specification Sheet

Part# LUT-YEL-PLEN

Description: Two element composite cable, 2 conductors 18 AWG unshielded Plenum rated PVC insulation, 2 conductors 22 AWG shielded, with FEP insulation, with stranded bare copper, and an overall Plenum PVC jacket. Sensor cable for Lutron Eco Systems

Element 1: 18 AWG, 2 Conductors Unshielded, Insulated with LSPVC

1. Conductor

- 1.1. AWG & Stranding: 18 AWG 7 Strands Class B
- 1.2. Material: Annealed Bare Copper
- 1.3. Conductor Count: 2 Conductors

2. Insulation

- 2.1. Material: Plenum rated Polyvinylchloride
- 2.2. Wall Thickness: 0.007"
- 2.3. Color Code: Black, Red

Element 2: 22 AWG, 2 Conductors Shielded, Insulated with FEP

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: Fluorinated Ethylene Propylene
- 4.2. Wall Thickness: 0.010"
- 4.3. Color Code: Violet, White

5. Assembly

- 5.1. Pair Lay Length: Per UL Standard
- 5.2. Pair Shield: Aluminum/Mylar Tape - 100% Coverage
- 5.3. Pair Drain Wire: 24AWG, 7 Strand Tinned Copper

6. Nominal Electrical Characteristics (22AWG PAIR)

- 6.1. Impedance: 62.9 Ω
- 6.2. Capacitance: 23.7 pF/ft. +/-10%
- 6.3. DC Resistance: 14.8 Ω/Mft. @ 20°C

Overall Assembly

7. Assembly Elements 1 and 2

- 7.1. Cable Lay Length: 2.00" LHL (6 Tw/Ft)

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

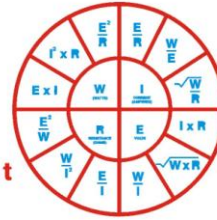


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8. Jacket

- 8.1. Material: Polyvinylchloride
- 8.2. Wall Thickness: 0.015"
- 8.3. Diameter: 0.164"
- 8.4. Color: Light Blue / Yellow Stripe
- 8.5. Ripcord: Yes
- 8.6. Weight: 28 Lbs/Mft

9. Markings

- 9.1. Type: Cable permanently identified via surface inkjet print
- 9.2. Legend: AVALANCHE, MFG FOR LUTRON KEYPAD OR GRAFIK EYE SYSTEMSROOM A B C D
E 1 2 3 4 5 6 7 8 9 E171197 2C 18AWG 1PR 22AWG SHLD DATA (UL) CMP
C(UL)US OR (UL) CL3P FT6 75'C (WORK ORDER #) "ROHS"
- 9.3. Footage markers: Yes

10. Standards

- 10.1. Refer to NEC (NFPA 70) article 800 for installation guidelines
- 10.2. UL listed as Type CL3P per UL Standard 13 or as type CMP c(UL)us 75°C FT-6 per UL Standard 444
- 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