



Specification Sheet

Part# LUT-GRN-PVC

Description: Two element composite cable with an overall PVC jacket. Sensor cable for Lutron Grafik Eye Systems
(2C) 18 AWG 16 Strands BC PVC Insulated Unshielded
(1P) 22 AWG 7 Strands BC PE Insulated Shielded

Element 1: (Power/Control) 18 AWG 2C Unshielded

- 1. Conductor**
 - 1.1. AWG & Stranding: 18 AWG 16 Strands Class K
 - 1.2. Material: Annealed Bare Copper
 - 1.3. Conductor Count: 2 Conductors
- 2. Insulation**
 - 2.1. Material: Polyvinylchloride (PVC)
 - 2.2. Wall Thickness: 0.010"
 - 2.3. Color Code: Black & Red

Element 2: (Data) 22 AWG 1Pr Shielded

- 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 (PE)
 - 4.2. Wall Thickness: 0.013"
 - 4.3. Color Code: Violet & White
- 5. Assembly**
 - 5.1. Pair Lay Length: Cabled on Common-Axis with Element 2
 - 5.2. Pair Shield: Aluminum/Mylar Tape - 100% Coverage (Foil Facing Inside)
 - 5.3. Pair Drain Wire: 24AWG, 7/32 Strand Tinned Copper (Inside Foil)

Overall Cable Assembly for Element 1 & 2

- 6. Assembly - Elements 1 & 2**
 - 6.1. Cable Lay Length: 4.00" LHL Nominal
- 7. Jacket**
 - 7.1. Material: Polyvinylchloride (PVC)
 - 7.2. Wall Thickness: 0.030"
 - 7.3. Diameter: 0.213"
 - 7.4. Color: Light Blue / Green Stripe
 - 7.5. Ripcord: Nylon Ripcord
 - 7.6. Weight: 33 lbs/Mft

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. Markings

- 8.1. Type: Cable shall be permanently identified via surface inkjet print
8.2. Legend: AVALANCHE, MFG FOR LUTRON GRAFIK EYE SYSTEMS 1PR 22AWG SHLD & 2/C
18AWG ROOM A B C D E 1 2 3 4 5 6 7 8 9 JACK 1 2 3 4 5 6 7 8 9 E171197 (UL) CM
C(UL)US OR (UL) CL3 "ROHS" (WORK ORDER #)
8.3. Footage Markers: Yes

9. Nominal Electrical Characteristics

- | | | | |
|---------------------|----------------------------------|---|----------------------------------|
| 9.1. Impedance: | 22AWG: 77 Ω /MFT | - | 18AWG: 57.5 77 Ω /MFT |
| 9.2. Capacitance: | 22AWG: 17.6 pF/ft | - | 18AWG: 39.5 pF/ft |
| 9.3. DC Resistance: | 22AWG: 14.8 Ω /Mft @ 20°C | - | 18AWG: 6.48 Ω /Mft @ 20°C |

10. Standards

- 10.1. Refer to NEC (NFPA 70) article 800 and article 720 for installation guidelines
10.2. UL listed as Type CL3 per UL Standard 13 or as type CM c(UL)us 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