



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

Specification Sheet

Part# LUT-GRN-PLEN

Description: Two element composite cable with an overall plenum rated PVC jacket. Sensor cable for Lutron Grafik Eye Systems
 (2C) 18 AWG 16 Strands BC Plenum rated PVC Insulated Unshielded
 (1P) 22 AWG 7 Strands BC FEP 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: Plenum Rated Polyvinylchloride
 - 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: Fluorinated Ethylene Propylene
 - 4.2. Wall Thickness: 0.011"
 - 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: 2.75" LHL (4.3 tw/ft)
- 7. Jacket**
 - 7.1. Material: Plenum Rated Polyvinylchloride
 - 7.2. Wall Thickness: 0.017"
 - 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 & 1PR
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)
CMP C(UL)US OR (UL) CL3P 75°C FT-6 "ROHS" (WORK ORDER #)
8.3. Footage Markers: Yes

9. Nominal Electrical Characteristics

- | | | | |
|---------------------|----------------------------------|---|----------------------------------|
| 9.1. Impedance: | 22AWG: 67 Ω | - | 18AWG: 57.5 77 Ω |
| 9.2. Capacitance: | 22AWG: 22.3 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 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