



Specification Sheet

Part# LUT-RBL-PLEN

Description: Three element composite cable with an overall plenum rated jacket control cable for lutron 4000/7000 Grafik Eye Systems

- (2C) 12 AWG stranded bare copper unshielded with plenum rated PVC Insulation
- (1C) 18 AWG stranded bare copper unshielded with plenum rated PVC Insulation
- (2C) 22 AWG stranded bare copper twisted shielded pair with FEP Insulation

Element 1: (Power/Control) 12 AWG 2 Conductors Unshielded

- 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: Plenum Rated Polyvinylchloride
 - 2.2. Wall Thickness: 0.010"
 - 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: (Control) 18 AWG 1 Conductor Unshielded

- 3. Conductor**
 - 3.1. AWG & Stranding: 18 AWG 7 Strands Class B
 - 3.2. Material: Annealed Bare Copper
 - 3.3. Conductor Count
- 4. Insulation**
 - 4.1. Material: Plenum Rated Polyvinylchloride
 - 4.2. Wall Thickness: 0.008"
 - 4.3. Color Code: Orange

Element 3: (Data/Communications) 22 AWG 1 twisted shielded pair

- 5. Conductor**
 - 5.1. AWG & Stranding: 22 AWG 7 Strands Class B
 - 5.2. Material: Annealed Bare Copper
 - 5.3. Conductor Count: 2 Conductors
- 6. Insulation**
 - 6.1. Material: Fluorinated Ethylene Propylene
 - 6.2. Wall Thickness: 0.010"
 - 6.3. Color Code: White, Violet
- 7. Assembly**
 - 7.1. Pair Lay Length: 1.5" LHL (8.0 tw/ft)
 - 7.2. Pair Shield: Aluminum/Mylar Tape - 100% Coverage
 - 7.3. Pair Drain Wire: 24 AWG, 7 Strand Tinned Copper



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8. Nominal Electrical Characteristics for Element 3

- 8.1. Impedance: 62 $\Omega \pm 5$
- 8.2. Capacitance: 24 pF/ft
- 8.3. DC Resistance: 14.8 Ω /Mft @ 20°C

Overall Cable Assembly

9. Assembly - Elements 1 thru 3

- 9.1. Cable Lay Length: 6.00" LHL Nominal (2 Tw/Ft)

10. Jacket

- 10.1. Material: Plenum Rated Polyvinylchloride
- 10.2. Wall Thickness: 0.015"
- 10.3. Diameter: 0.242"
- 10.4. Color: Natural w/Blue Stripe
- 10.5. Ripcord: Yes
- 10.6. Weight: 74 Lbs/Mft

11. Markings

- 11.1. Type: Cable permanently identified via surface inkjet print
- 11.2. Legend: AVALANCHE,MFG FOR LUTRON GRAFIK EYE SYSTEMS 4000/7000 EXTENDED DISTANCE CABLE SPEC 2C 12AWG,1PR 22AWG, 1C 18AWG E171202 (UL) CL3P 75°C "ROHS" FT-6
- 11.3. Footage Markers: Yes

12. Standards

- 12.1. Cable suitable for installations under NEC (NFPA 70) article 725 guidelines
- 12.2. UL listed as Type CL3P per UL Standard 13
- 12.3. All materials used in the manufacture of this cable are RoHS compliant
- 12.4. Maximum Operating Voltage: 300V
- 12.5. Made in the USA

ALL SPECIFIED PARAMETERS ARE NOMINAL AND SUBJECT TO VERIFICATION