



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

Specification Sheet

Part# LUT-RED-PLEN

Description: Three element composite cable, 2 conductors 16 AWG unshielded, 4 conductors 18 AWG shielded and 1 conductor 18 AWG unshielded, constructed with stranded bare copper, SGPVC insulation and an overall SGPVC jacket data / communications and controls applications manufactured in the USA and (UL) listed CL3P or CMP c(UL)us 75° C.

Element 1: (Power/Control) 16 AWG, 2 Conductors Unshielded, Insulated with Plenum rated Polyvinylchloride

- 1. Conductor**
 - 1.1. AWG & Stranding: 16 AWG, 26 Strands
 - 1.2. Material: Annealed Bare Copper
 - 1.3. Conductor Count: 2 Conductors
- 2. Insulation**
 - 2.1. Material: Polyvinylchloride (SGPVC)
 - 2.2. Wall Thickness: 0.010"
 - 2.3. Color Code: Red, Red/White
- 3. Assembly**
 - 3.1. Pair Lay Length: 1.975" LHL, Nominal
 - 3.2. Pair Shield: N/A
 - 3.3. Pair Drain Wire: N/A
 - 3.4. Pair Binder: N/A

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/Communications) 18 AWG, Shielded Quad, Insulated with Plenum Rated FEP (25PF/FT)

- 4. Conductor**
 - 4.1. AWG & Stranding: 18 AWG, 16 Strands
 - 4.2. Material: Annealed Bare Copper
 - 4.3. Conductor Count: 4 Conductors
- 5. Insulation**
 - 5.1. Material: Cellular FEP
 - 5.2. Wall Thickness: 0.008"
 - 5.3. Color Code: Violet, Yellow, Gray, Blue
- 6. Assembly**
 - 6.1. Quad Lay Length: 2.25" LHL, Nominal
 - 6.2. Quad Shield: Aluminum/Mylar Tape - 100% Coverage
 - 6.3. Quad Drain Wire: 22 AWG, 7 Strand Tinned Copper
 - 6.4. Quad Binder: N/A

Element 3: (Ground) 18 AWG, 1 Conductor Unshielded, Insulated with Plenum rated Polyvinylchloride

- 7. Conductor**
 - 7.1. AWG & Stranding: 18 AWG, 16 Strands
 - 7.2. Material: Annealed Bare Copper
 - 7.3. Conductor Count: 1 Conductor



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8. Insulation

- 8.1. Material: Polyvinylchloride (SGPVC)
- 8.2. Wall Thickness: 0.010"
- 8.3. Color Code: Green/Yellow

Overall Cable:

9. Assembly - Elements 1, 2 & 3

- 9.1. Cable Lay Length: 6.00" LHL, Nominal
- 9.2. Cable Fillers: Available upon request

10. Jacket

- 10.1. Material: Plenum Rated Polyvinylchloride (SGPVC)
- 10.2. Wall Thickness: 0.018"
- 10.3. Diameter: 0.266"
- 10.4. Color: Light Blue / Red Stripe
- 10.5. Weight: 66 lbs./Mft.
- 10.6. Ripcord: Yes

11. Markings

- 11.1. Type: Cable shall be permanently identified via surface inkjet print
- 11.2. Legend: AVALANCHE, MFG FOR LUTRON SIVOIA SYSTEMS A B C D E 0 1 2
3 4 5 6 7 8 9 E171197 18AWG 1C 16AWG 2C 18AWG 4C SHIELDED
(UL) CMP C(UL)US OR (UL) CL3P 75'C FT-6 "ROHS"
- 11.3. Footage markers: Yes

12. Standards

- 12.1. Refer to NEC (NFPA 70) article 800 and article 720 for installation guidelines
- 12.2. UL listed as Type CMP per UL standard 444 or CL3P per UL Standard 13
- 12.3. All materials used in the manufacture of this cable are RoHS compliant
- 12.4. Recommended Operating Voltage: 300V
- 12.5. Made in the USA

ALL SPECIFIED PARAMETERS ARE NOMINAL AND SUBJECT TO VERIFICATION