

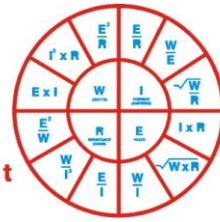


Industrial electronics, inc.

Phone (808) 847-4300

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1353 Mookaula Street
Honolulu, HI 96817



Specification Sheet

Part# LUT-QSHS-PLEN

Description: Two element composite cable, and an overall Plenum PVC jacket for data / communications and controls applications manufactured in the USA and (UL) listed CL3P

(2C) 16 AWG 19 Strands BC FEP Insulated Unshielded
(1P) 22 AWG 7 Strands BC FEP Insulated Shielded

Element 1: 16 AWG 2 Conductors Unshielded Insulated with FEP

1. Conductor

- 1.1. AWG & Stranding: 16 AWG 19 Strands Class C
- 1.2. Material: Annealed Bare Copper
- 1.3. Conductor Count: 2 Conductors

2. Insulation

- 2.1. Material: Fluorinated Ethylene Propylene
- 2.2. Wall Thickness: 0.011"
- 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: 0.015"
- 4.3. Color Code: Violet, White

5. Assembly

- 5.1. Pair Lay Length: 2.00" LHL Nominal
- 5.2. Pair Drain Wire: 24AWG, 7 Strand Tinned Copper
- 5.3. Pair Shield: Aluminum/Mylar Tape - 100% Coverage

6. Nominal Electrical Characteristics

- 6.1. Capacitance: 18.8 pf/ft. Nominal
- 6.2. Nominal Impedance: 79 Ohms

Overall Assembly

7. Assembly - Elements 1 & 2

- 7.1. Cable Lay Length: 4.00" LHL Nominal

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

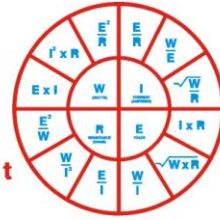


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8. Jacket

- 8.1. Material: Plenum rated Polyvinylchloride (SGPVC)
- 8.2. Wall Thickness: 0.017"
- 8.3. Diameter: 0.239"
- 8.4. Color: Natural
- 8.5. Ripcord: Yes
- 8.6. Weight: 44 Lbs/Mft

9. Markings

- 9.1. Type: Cable permanently identified via surface inkjet print
- 9.2. Legend: AVALANCHE™ MFG FOR LUTRON QSH SYSTEM E171197 16AWG 2C + 22AWG 1PR SHIELDED (UL) CMP C(UL)US OR (UL) CL3P 75°C FT-6 "ROHS"
- 9.3. Footage Markers: Yes

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 and 75°C
- 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