



industrial electronics, inc.

Phone (808) 847-4300
Fax (808) 841-0960

1353 Mookaula Street
Honolulu, HI 96817



Specification Sheet

LUT-WHT-PVC

Description: 18 AWG 4 conductor 7 strand bare copper with polyvinylchloride and nylon insulation, shielded with an overall PVC jacket 600V control tray cable, approved for use in SUN RES DIR BUR OIL RES I 90°C applications. For Vantage Control Panels

1. Conductor

- 1.1. AWG Size & Stranding: 18 AWG, Class B 7 Strand
- 1.2. Material: Annealed Bare Copper
- 1.3. Conductor Count: 4 Conductors

2. Insulation

- 2.1. Material: Polyvinylchloride & Nylon
- 2.2. Wall Thickness: 0.015" PVC & 0.005" Nylon
- 2.3. Color Code: Red, Black, Green & White

3. Assembly

- 3.1. Lay Length: 4.00" LHL nominal
- 3.2. Shield: Aluminum/Mylar Tape - 100% coverage
- 3.3. Drain Wire: 20 AWG, 7 Strand Tinned Copper

4. Jacket

- 4.1. Material: Polyvinylchloride
- 4.2. Wall Thickness: 0.045"
- 4.3. Diameter: 0.313"
- 4.4. Color: Light Blue/White Stripe
- 4.5. Ripcord: Yes
- 4.6. Weight: 64 lbs/Mft

5. Markings

- 5.1. Type: Cables shall be permanently identified via surface inkjet print
- 5.2. Legend: "AVALANCHE,MFG FOR LUTRON HOMEWORKS SUSTEMS" 18 AWG 4C SHIELD ROOM A B C D E 0 1 2 3 4 5 6 7 8 9 JACK 0 1 2 3 4 5 6 7 8 9 E208309 (UL) TC 600V 90°C DRY/WET SUN RES DIR BUR OR CM C(UL)US 90°C "ROHS" WO#
- 5.3. Footage Markers: Yes

6. Nominal Electrical Characteristics

- 6.1. Impedance: 50 Ω ± 10%
- 6.2. Capacitance: 44.5 pF/ft
- 6.3. DC Resistance: 5.86 Ω/Mft @ 20°C

7. Standards

- 7.1. Cable suitable for installations under NEC (NFPA 70) article 1277 and article 800 guidelines
- 7.2. UL listed as Type TC per UL Standard 1277 for tray cables and Dual Rated as TC and CM
- 7.3. UL approved for Direct Burial and Sunlight Resistant applications
- 7.4. Cable meets UL 1581 & 1202 (FT-4) 70,000 BTU/HR & ICEA T-29-520 210,000 BTU/HR requirements
- 7.5. Meets ICEA S-73-532, where applicable
- 7.6. All materials used in the manufacture of this cable are RoHS compliant
- 7.7. Made in the USA

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

ALL SPECIFIED PARAMETERS ARE NOMINAL AND SUBJECT TO VERIFICATION