



# Avalanche™ Specification Sheet

## Part# LUT-PINK-PVC

**Description:** 18 AWG, 2 conductor shielded 600V instrumentation/control tray cable constructed with stranded bare copper, PVC/Nylon insulation, an aluminum/mylar shielded with a stranded tinned copper drain wire and an overall PVC jacket. Jacket is sunlight resistant and cable is (UL) CM or TC approved for 600V, 90°C Dry or 75°C Wet

### 1. Conductor

- 1.1. AWG Size & Stranding: 18 AWG, Class B 7 Strand
- 1.2. Material: Annealed Bare Copper
- 1.3. Conductor Count: 2 Conductors

### 2. Insulation

- 2.1. Material: Polyvinylchloride & Nylon per UL Standard 62, Type TFFN/VW-1
- 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. Fillers: N/A
- 3.3. Binder: N/A
- 3.4. Shield: Aluminum/Mylar Tape - 100% coverage
- 3.5. Drain Wire: 20 AWG, 7 Strand Tinned Copper

### 4. Jacket

- 4.1. Material: Polyvinylchloride per UL Standard 1277
- 4.2. Wall Thickness: 0.045" - The minimum at any point shall not be less than 80% of the specified wall thickness
- 4.3. Diameter: 0.262"
- 4.4. Color: Light Blue/Pink
- 4.5. Weight: 40 lbs./Mft.
- 4.6. Ripcord: Yes

### 5. Markings

- 5.1. Type: Cables shall be permanently identified via surface inkjet print
- 5.2. Legend: AVALANCHE, MFG FOR LUTRON HOMEWORKS SUSTEMS ROOM A B C D E  
0 1 2 3 4 5 6 7 8 9 E208309 18AWG 2C SHIELDED (UL) CM C(UL)US 75'C  
OR (UL) TC PVC/NYLON 600V 90'C DRY 75'C WET PVC JACKET SUN RES  
DIR BUR (WORK ORDER # ) "ROHS"
- 5.3. Footage Markers: Ascending/Descending footage markers

### 6. Nominal Electrical Characteristics

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

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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### 7. Standards

- 7.1. Refer to NEC (NFPA 70) article 800 and article 720 for installation guidelines
- 7.2. UL listed as Type CM or TC per UL Standard 1277 for traycables
- 7.3. Individual conductors pass UL VW-1 flame test, rated TFFN/VW-1
- 7.4. Cable meets IEEE 383 & UL 1581 70,000 BTU/HR flame test requirements
- 7.5. Cable meets ICEA S-95-658, where applicable
- 7.6. All materials used in the manufacture of this cable are RoHS compliant
- 7.7. Recommended Operating Voltage: 300V
- 7.8. Made in the USA

***ALL SPECIFIED PARAMETERS ARE NOMINAL AND SUBJECT TO VERIFICATION***