



# Specification Sheet

## Part# LUT-PLEN-SI

**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

