



2012 CORPORATE LANE, SUITE 116 NAPERVILLE, IL 60563 TOLL FREE: 888-888-8045

**Part #: AV164LTCH-03SIG**  
**Lite Touch System Specific**

**Description:** 16 AWG, 4 conductor unshielded 300V instrumentation power limited tray cable constructed with stranded bare copper, polyvinylchloride insulation and an overall polyvinylchloride jacket. Jacket is sunlight resistant and cable is (UL) CL3 or PLTC approved for 300V, 105°C

**1. Conductor**

- 1.1 AWG Size & Stranding: 16 AWG, 65 strands
- 1.2 Material: Annealed Bare Copper
- 1.3 Conductor Count: 4 Conductors

**2. Insulation**

- 2.1 Material: Polyvinylchloride per UL

**Standard 13**

- 2.2 Wall Thickness: 0.015"
- 2.3 Color Code: Black, Red, White ,Green

**3. Assembly**

- 3.1 Lay Length: 3.50" LHL Nominal
- 3.2 Binder: N/A
- 3.3 Shield: N/A
- 3.4 Drain Wire: N/A
- 3.5 Fillers: Available upon request

**4. Jacket**

- 4.1 Material: Polyvinylchloride per UL Standard 13
- 4.2 Wall Thickness: 0.040"
- 4.3 Diameter: 0.304"
- 4.4 Color: Orange
- 4.5 Ripcord: Yes
- 4.6 Weight: 65 lbs./Mft.

**5. Markings**

- 5.1 Type: Cable shall be permanently identified via surface inkjet print
- 5.2 Legend: SIGNATURE WIRE ® CABLE - MADE IN USA - LITE TOUCH CONTROL  
STATION CABLE - 16 AWG 4C E171202 (UL) PLTC OR (UL) CL3 DIR BUR  
"ROHS"

**6. Standards**

- 6.1. Refer to NEC (NFPA 70) article 800 and article 720 for installation guidelines
- 6.2. UL listed as Type PLTC & CL3 per UL Standard 13
- 6.3. UL listed as Type ITC per UL Standard 2250
- 6.4. Cable meets IEEE 383 & UL 1581 70,000 BTU/HR flame test requirements
- 6.5. All materials used in the manufacture of this cable are RoHS compliant
- 6.6. Recommended Operating Voltage: 300V
- 6.7. Made in the USA

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