



Specification Sheet

Lake Cable Part #: AV162VANT-07/04

Description: 16 AWG 2 conductor 65 strands bare copper conductors with PVC/NYLON insulation, unshielded and an overall PVC jacket. UL TC 600V 90°C DRY or CL3/CM Lighting and control cable for Vantage station devices and touch screens

1. **Conductor**
 - 1.1.AWG & Stranding: 16 AWG 65 Strands Class M
 - 1.2.Material: Annealed Bare Copper
 - 1.3.Conductor Count: 2 Conductors

2. **Insulation**
 - 2.1.Material: Polyvinylchloride & Nylon
 - 2.2.Nominal Wall Thickness: 0.016" PVC & 0.005" Nylon
 - 2.3.Color Code: Black, Red

3. **Assembly**
 - 3.1.Cable Lay Length: 3.25" LHL (3.69 tw/ft)

4. **Jacket**
 - 4.1.Material: Polyvinylchloride
 - 4.2.Nominal Wall Thickness: 0.045"
 - 4.3.Nominal Diameter: 0.299"
 - 4.4.Color: Violet / Yellow Stripe
 - 4.5.Ripcord: Yes
 - 4.6.Nominal Weight: 50 lbs/Mft

5. **Markings**
 - 5.1.Type: Cables permanently identified via surface inkjet print
 - 5.2.Legend: "VANTAGE (801) 229-2800" E208309 16AWG 2C (UL) TC 600V 90°C DRY PVC JACKET SUN RES DIR BUR OR (UL) CL3/CM C(UL) (WO #) "ROHS"
 - 5.3.Footage Markers: Yes

6. **Nominal Electrical Characteristics**
 - 6.1.Characteristic Impedance: 62.5 Ω
 - 6.2.Mutual Capacitance: 36 pF/ft +/-10%
 - 6.3.DC Resistance: 4.16 Ω /Mft @ 20°C

7. **Standards**
 - 7.1.Cable suitable for installations under NEC (NFPA 70) article 1277, article 800 and article 725 guidelines
 - 7.2.UL listed as CM per UL 444 and Type TC per UL Standard 1277
 - 7.3.UL approved for Sunlight Resistant & Direct Burial applications
 - 7.4.Individual conductors rated TFFN
 - 7.5.Cable meets IEEE 383 & UL 1581 70,000 BTU/HR flame test requirements
 - 7.6.Cable meets ICEA S-95-658, where applicable
 - 7.7.All materials used in the manufacture of this cable are RoHS compliant
 - 7.8.Made in the USA

ALL SPECIFIED PARAMETERS ARE NOMINAL AND SUBJECT TO VERIFICATION