



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

Part #: AV162VANT-07/04
Vantage System Specific

Description: 16 AWG 2 conductor 65 strands bare copper conductors with PVC/NYLON insulation, unshielded and an overall PVC jacket. 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.Nominal Weight: 50 lbs/Mft
- 4.6.Ripcord: Yes

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.UL listed as CM per UL 444 and Type TC per UL Standard 1277
- 7.2.UL approved for Sunlight Resistant & Direct Burial applications
- 7.3.Individual conductors rated TFFN
- 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.Minimum Installation Temperature: 0°C(32°F)
- 7.8.Made in the USA

ALL SPECIFIED PARAMETERS ARE NOMINAL AND SUBJECT TO VERIFICATION