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

**Part #: AV164CAT6-67/04**

**Description:** Two element composite cable, 4 conductors 16 AWG unshielded and a 4 pair CAT5E component, with an overall polyvinylchloride jacket for data/communications and controls applications manufactured in the USA and (UL) listed CL3 or CM c(UL)us, 75°C.

**Element 1: (Power/Control) 16 AWG, 4 Conductors Unshielded, Insulated with Polyvinylchloride**

**1. Conductor**

- 1.1 AWG & Stranding: 16 AWG, 65 strands
- 1.2 Material: Annealed Bare Copper

**2. Insulation**

- 2.1 Material: Polyvinylchloride (PVC)
- 2.2 Wall Thickness: 0.012"

**3. Color Code**

- 3.1 Code: Black, Red, Green, White

**Element 2: (Data/Communications) 24 AWG, 4 Pair Unshielded, Jacketed CAT5E Blue Component**

**Overall Cable:**

**4. Assembly - Elements 1 & 2**

- 4.1 Cable Lay Length: Per Standard

**5. Jacket**

- 5.1 Material: Polyvinylchloride (PVC)
- 5.2 Wall Thickness: 0.029"
- 5.3 Diameter: 0.353"
- 5.4 Color: Midnight Blue/Yellow
- 5.5 Ripcord: Yes
- 5.6 Weight: 67 Lbs/Mft

**6. Markings**

- 6.1 Type: Cable shall be permanently identified via surface inkjet print
- 6.2 Legend: AVALANCHE KEYPAD/VOLUME CONTROL CABLE [ L C R LS RS LR RR ROOM A B C D E 0 1 2 3 4 5 6 7 8 9 ] E171197 16AWG 4C & 23AWG 4PR (UL) CM C(UL)US OR (UL) CL3 (WORK ORDER #) "ROHS"
- 6.3 Footage Markers: Yes

**7. Standards**

- 7.1. Refer to NEC (NFPA 70) article 800 and article 720 for installation guidelines
- 7.2. UL listed as Type CL3 per UL Standard 13 or as Type CM per UL Standard 444
- 7.3. All materials used in the manufacture of this cable are RoHS compliant
- 7.4. Recommended Operating Voltage: 300V
- 7.5. Made in the USA

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