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

**Part #: AV144CAT6-44/06**

**Description:** Two element composite cable, 4 conductors 14 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 75° C.

**Element 1: (Power/Control) 14 AWG, 4 Conductors Unshielded, Insulated with Polyvinylchloride**

**1. Conductor**

1.1 AWG & Stranding: 14 AWG, 105 strands

1.2 Material: Annealed Bare Copper

**2. Insulation**

2.1 Material: Polyvinylchloride (PVC)

2.2 Wall Thickness: 0.013"

**3. Color Code**

3.1 Code: Black, Red, Green, White

**Element 2: (Data/Communications) 23 AWG, 4 Pair Unshielded, Jacketed CAT6E 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: 0.030"

5.3 Diameter: 0.375"

5.4 Color: Light Blue/Blue

5.5 Ripcord: Yes

5.6 Weight: 89 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 } E171202 (UL) CL3 14AWG 4C &  
23AWG 4PR CAT6E (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
- 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***