



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

Part #: AV164CAT5-64

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: 0.358"
- 5.4 Color: Hot Pink
- 5.5 Ripcord: Yes
- 5.6 Weight: 65 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 & 24AWG 4PR (UL) CL3 OR CM C(UL)US (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