



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

Part #: AVCRESCDC-60/03

For use with CRESTRON Systems

Description: Five element composite cable, 1 pair 22 AWG shielded, 2 conductors 18 AWG unshielded, 2 Category 5E components and 2 RG6 coaxes cabled together with an overall PVC jacket for data communications and security applications manufactured in the USA and listed (UL) CM, 75°C.

Element 1: 22 AWG, 1 Pair Shielded PVC Insulated & 18 AWG, 2 Conductor PVC Insulated Component

Element 1A:

1. Conductor

- 1.1 AWG & Stranding: 22 AWG, Class B 7 Strands
- 1.2 Material: Annealed Tinned Copper
- 1.3 Conductor Count: 1 Pair

2. Insulation

- 2.1 Material: Cellular Polyethylene
- 2.2 Wall Thickness: 0.020"
- 2.3 Color Code: Blue x White

3. Assembly

- 3.1 Pair Lay Length: Per UL Standard
- 3.2 Pair Binder: N/A
- 3.3 Pair Shield: Aluminum Mylar - 100% coverage
- 3.4 Pair Drain Wire: 24 AWG, Tinned Copper

Element 1B:

1. Conductor

- 1.1 AWG & Stranding: 18 AWG, Class B 7 Strands
- 1.2 Material: Annealed Bare Copper
- 1.3 Conductor Count: 1 Pair

2. Insulation

- 2.1 Material: Cellular Polyethylene
- 2.2 Wall Thickness: 0.007"
- 2.3 Color Code: Black x Red

Element 1: Overall Assembly

5. Assembly

- 5.1 Cable Lay Length: Per UL Standard, 18AWG 2 Conductors are cabled with 22 AWG Shielded Pair
- 5.2 Cable Binder: N/A
- 5.3 Cable Shield: N/A
- 5.4 Cable Drain Wire: N/A

Element 2: Category 5E Cable Component - Blue Jacket

Element 3: Category 5E Cable Component - White Jacket

Element 4: RG6 Coaxes Component - Black Jacket

Element 5: RG6 Coaxes Component - Orange Jacket

Overall Cable:

6. Assembly - Elements 1, 2, 3, 4 & 5

- 6.1 Cable Lay Length: Per UL Standard
- 6.2 Cable Binder: N/A
- 6.3 Cable Shield: N/A
- 6.4 Cable Drain Wire: N/A

7. Jacket

- 7.1 Material: Polyvinylchloride (PVC)
- 7.2 Wall Thickness: 0.025"
- 7.3 Diameter: 0.677"
- 7.4 Color: Teal/Orange
- 7.5 Weight: 104 lbs./Mft.
- 7.6 Ripcord: Yes

8. Markings

- 8.1 Type: Cable shall be permanently identified via surface inkjet print
- 8.2 Legend: AVALANCHE BY LAKE CABLE HOME AUTOMATION CONT. DATA & VIDEO CABLE-ROOM A B C D E 0 1 2 3 4 5 6 7 8 9 E171197 18AWG 2C, 22AWG 1PR SHIELDED, (2) 24AWG 4PR CAT5E 350MHZ, (2) RG6 QUAD SHLD COAX 3GHZ (UL) CM C(UL)US
- 8.3 Footage Markers: Yes

9. Standards

- 9.1. Refer to NEC (NFPA 70) article 800 and article 720 for installation guidelines
- 9.2. UL listed as Type CM c(UL)us 75°C per UL Standard 444
- 9.3. All materials used in the manufacture of this cable are RoHS compliant
- 9.4. Recommended Operating Voltage: 300V
- 9.5. Made in the USA

ALL SPECIFIED PARAMETERS ARE NOMINAL AND SUBJECT TO VERIFICATION