



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

Part #: AVCRESNT-60/04
For Use With CRESTRON Systems

Description: Two element composite cable, 2 conductors 18 AWG unshielded with PVC insulation, 1 Pair 22 AWG shielded, with FPE insulation, with stranded bare copper, and an overall PVC jacket for data / communications and controls applications manufactured in the USA and (UL) listed CL3R or CMR c(UL)us 75°C.

Element 1: 18 AWG, 2 Conductors Unshielded, Insulated with Polyvinylchloride

- 1. Conductor**
 - 1.1. AWG & Stranding: 18 AWG, 7 Strands (Class B)
 - 1.2. Material: Annealed Bare Copper
 - 1.3. Conductors Count: 2 Conductors
- 2. Insulation**
 - 2.1. Material: Polyvinylchloride (PVC)
 - 2.2. Wall Thickness: 0.007"
 - 2.3. Color Code: Black, Red

Element 2: 22 AWG, 1 Pair Shielded, Insulated with Foam Polyethylene

- 3. Conductor**
 - 3.1. AWG & Stranding: 22 AWG, 7 Strands (Class B)
 - 3.2. Material: Annealed Bare Copper
 - 3.3. Conductors Count: 1 Pair
- 4. Insulation**
 - 4.1. Material: Foam Polyethylene (FPE)
 - 4.2. Wall Thickness: 0.020"
 - 4.3. Color Code: Blue, White
- 5. Assembly**
 - 5.1. Pair Lay Length: Cabled on a Common-Axis with Element 1
 - 5.2. Pair Drain Wire: 24 AWG, 7 Strand Tinned Copper (Inside Drain Wire)
 - 5.3. Pair Shield: Aluminum/Mylar Tape - 100% Coverage (Foil Facing In)

6. Nominal Electrical Characteristics

- 6.1. Impedance: 105 Ω
- 6.2. Capacitance: 12.5 pF/ft. +/-10%
- 6.3. DC Resistance: 14.8 Ω/Mft. @ 20° C

Overall Cable Assembly

7. Assembly - Elements 1 & 2

- 7.1. Cable Lay Length: 3.50” LHL Nominal

8. Jacket

- 8.1. Material: Polyvinylchloride (PVC)
- 8.2. Wall Thickness: 0.035”
- 8.3. Diameter: 0.226”
- 8.4. Color: Teal/ Yellow Stripe
- 8.5. Ripcord: Yes
- 8.6. Weight: 36 lbs./Mft.

9. Markings

- 9.1. Type: Cable shall be permanently identified via surface inkjet print
- 9.2. Legend: AVALANCHE BY LAKE CABLE HOME AUTOMATION NETWORK CABLE ROOM A B C D
E 0 1 2 3 4 5 6 7 8 9 E171197 18AWG 2C & 22AWG 1PAIR SHIELDED DATA (UL)
CMR C(UL)US OR (UL) CL3R 75°C (WORK ORDER #) “ROHS” FT-4
- 9.3. Footage Markers: Yes

10. Standards

- 10.1. Refer to NEC (NFPA 70) article 800 and article 720 for installation guidelines
- 10.2. UL listed as Type CL3R per UL Standard 13 or as type CMR c(UL)us 75°C per UL Standard 444
- 10.3. All materials used in the manufacture of this cable are RoHS compliant
- 10.4. Recommended Operating Voltage: 300V
- 10.5. Made in the USA

ALL SPECIFIED PARAMETERS ARE NOMINAL AND SUBJECT TO VERIFICATION