



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

**Part# AVB3RGB**

**Description:** 25 AWG RGB video snake composite cable with a TPE jacket for miniature component video cable for permanent installations (3) 25 AWG solid shielded + TC braid and a PVC jacket

**1. Conductor**

- 1.1. AWG & Stranding: 25 AWG Solid
- 1.2. Material: Annealed Bare Copper

**2. Dielectric**

- 2.1. Material: Foam Polyethylene (FPE)
- 2.2. Diameter: 0.074" ± 0.002"
- 2.3. Color: Natural

**3. Shield**

- 3.1. Tape Shield: Aluminum/Mylar 100% Coverage - Fused to Dielectric
- 3.2. Braid Shield: Tinned Copper Braid - 95% Coverage

**4. Jacket**

- 4.1. Material: Polyvinylchloride (PVC)
- 4.2. Wall Thickness: 0.012"
- 4.3. Diameter: 0.114" ± 0.003"
- 4.4. Color: Red, Green & Blue
- 4.5. Ripcord: Not Required

**5. Markings**

- 5.1. Type: No Print
- 5.2. Legend: No Print
- 5.3. Footage Markers: No Footage Markers

**6. Nominal Electrical Characteristics**

- 6.1. DC Resistance: 31.0 Ω/Mft
- 6.2. Shield DC Resistance: 17.8 Ω/Mft
- 6.3. Capacitance: 17.0 pF/ft
- 6.4. Impedance: 75 Ω +/- 3 @ 20°C
- 6.5. Propagation Velocity: 81%
- 6.6. Return Loss: >-23dB Nom From 1MHz to 450MHz, >-19 Nom From 450MHz - 1.0GHz  
From 3.0 to 4.0GHz

**Attenuation Chart**

Frequency (In MHz)	1	3.6	10	71.5	135	270	360	1000
Attenuation dB/100ft	0.29	0.55	0.86	2.10	2.70	3.70	4.40	7.60

**7. Overall Assembly**

7.1. Planetary Lay Length: 4.00" LHL (3.0 Tw/Ft)

**8. Jacketing**

8.1. Material: Thermoplastic Elastomer

8.2. Wall Thickness: 0.050"

8.3. Diameter: 0.369" +/- .008"

8.4. Color: Black

8.5. Ripcord: Not Required

8.6. Weight: 103 lbs/Mft

**9. Markings**

9.1. Type: Cable permanently identified via surface inkjet print

9.2. Legend: AVALANCHE(TM) HIGH DEFINITION VIDEO SNAKE CABLE AVB3RGB SDI/HDTV  
MINI RG59/U 75 OHM MADE IN USA "RoHS"

9.3. Footage Markers: Yes

**10. Standards**

10.1. All materials used in the manufacture of this cable are RoHS compliant

10.2. Made in the USA

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