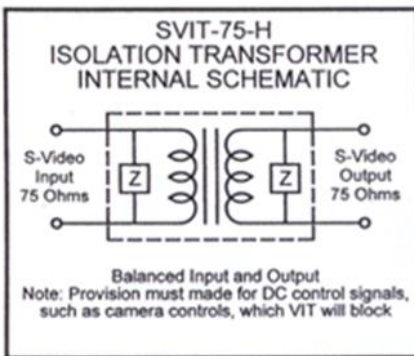


# SVIT

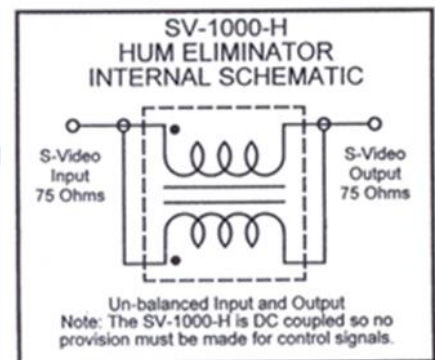
## VIDEO ISOLATION TRANSFORMERS

The **SVIT-75** and **SV-1000-H** are Video Isolation Transformers for eliminating 60 Hz hum caused by Ground Loops in Super Video applications that use two separate video signals. The luminance (Y) is the black and white portion providing brightness information. The chrominance (C) is the color portion providing hue and saturation. Both these signals are subject to interference caused by small differences in ground potential or by induced currents in long run cables.



### BOTH MODELS FEATURE

- S-VIDEO CONNECTORS
- LOW LOSS (.25dB, TYPICAL)
- 20dB RETURN LOSS
- NO PHASE OR GAIN DISTORTION
- RUGGED, WATERPROOF CASE
- PASSIVE DEVICE-FAILURE FREE
- REVERSIBLE
- COMPACT PLASTIC CASE
- 4 MOUNTING INSERTS FOR PANEL OR RACK MOUNTING



<b>SVIT-75 PRODUCTS and SPECIFICATIONS</b>		
Products	SVIT-75-H	SV-1000-H
<b>Description</b>	S-Video Isolation Transformer	S-Video Hum Eliminator
<b>Insertion Loss (Chroma &amp; Luminance)</b>	<0.6 dB @ 3.58 MHz	<0.5 dB @ 3.58 MHz
<b>Amplitude Matching</b>	< 0.1 dB	< 0.1 dB
<b>Bandwidth (Chroma &amp; Luminance)</b>	10 Hz to 8 MHz	160 MHz
<b>Luminance Non-Linearity</b>	< 0.1%	< 0.1%
<b>VSWR (chroma &amp; Luminance)</b>	> 1.5:1 to 4.2 MHz	> 1.2:1 to 4.2 MHz
<b>Dielectric Withstand Voltage</b>	500 V	N/A
<b>Input</b>	± 1 Volt	± 1 Volt
<b>Dimensions h-w-d</b>	5-3/8 x 4 x 2	5-3/8 x 4 x 2
<b>Weight</b>	2 Lb.	2.5 Lb.

For additional technical information or ordering information call our technical sales department at 708-453-3238. You can also see us at [www.allenavionics.com](http://www.allenavionics.com) or Email any questions you may have to [sales@allenavionics.com](mailto:sales@allenavionics.com).