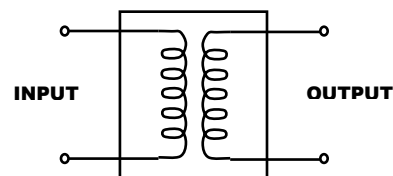
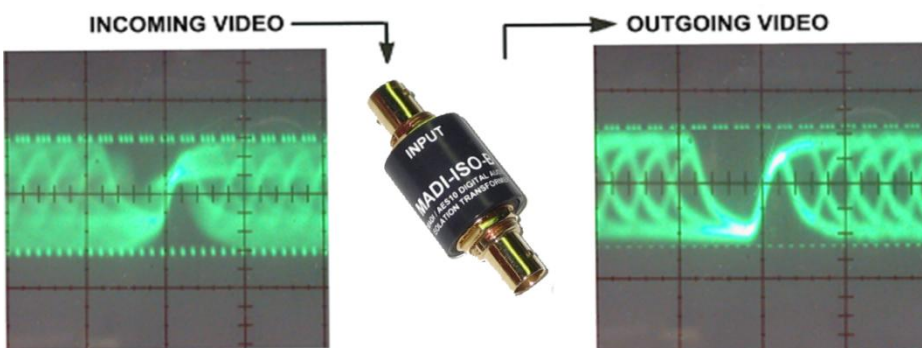


MADI-ISO-B

MADI / AES10 DIGITAL AUDIO ISOLATOR

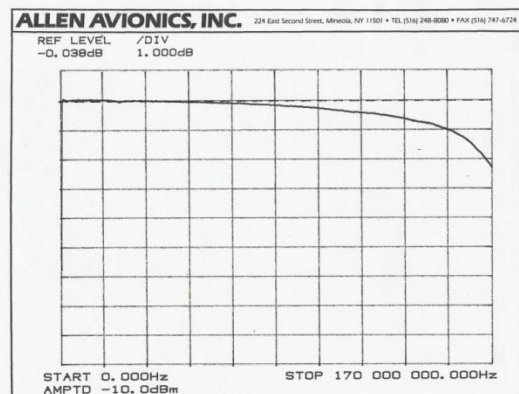


MADI-ISO-B is a Digital Audio Isolation Transformer that eliminates hum or noise present in Multichannel Audio Digital Interface (MADI) or AES10. This is caused by differences in ground potential up to 20 Volts or due to induced currents in long cable runs. Such interference results in degradation of bit timing in high speed digital signals and causes higher Bit Error Rates suffered from the *Cliff Effect*. This compact, standalone unit provide the much needed electrical isolation between the Input and Output.



FEATURES & SPECIFICATIONS:

- ❑ Eliminates hum and noise in Digital Audio Channels
- ❑ Isolated Signal Path helps in protecting equipment from Ground Voltages
- ❑ Supports all MADI / AES10-2008 Digital Audio Formats
- ❑ Data Rate up to 250 Mb/s
- ❑ Greater than 60 dB of Ground Loop Isolation
- ❑ Passive Device – No power required
- ❑ Small Cylindrical Package with Gold BNC Connectors for better response
- ❑ 75 Ohms Balanced with Insertion Loss less than 0.25 dB
- ❑ Greater than 20 dB Return Loss
- ❑ 2 kV flash tested



Allen Avionics has Hum Eliminators and Isolation Transformers for SDI, HD-SDI, S Video, NTSC, Composite, HDTV Analog (Y, Pb, Pr or RGB), Component, Y R-Y B-Y. They can be used in any brand of Audio or Video equipments.

For additional technical information or ordering information call our technical sales department at 516-248-8080. You can also see us at www.allenavionics.com or Email any questions you may have to sales@allenavionics.com.