

A5-SDI

SDI Video Ground Loop Isolator



This simple low cost device is designed to provide galvanic DC-isolation of SMPTE compliant digital video signals, eliminating hum due to ground loop effects or differences in ground potential, often associated with fixed or temporary video installations. The A5 family is fitted with BNC connectors at both sides or with a short cable at one end. For 12G-SDI, dual electric DC-isolation is provided by a L-R-C network to ensure full bandwidth and safe DC-isolation.

Features

- incredibly small metal housing**
- no power supply necessary**
- True galvanic isolation of signal and ground path**
- Wired transformer up to 6 Gbit/s SDI**
- L-R-C Network for 12Gbit/s SDI**



technical & physical specs

SD-/ HD-/ 3G-/ 6G-SDI

SMPTE 259M, SMPTE 292M, SMPTE 424M

- Frequency range: 70-3200 MHz
- Return loss: > 18 dB
- Insertion loss: < 1,5 dB
- Impedance ratio: 1 : 1
- DC isolation: 500 V by wired transformer
- Dimensions : 66x26 mm incl. connectors

12G-SDI

SMPTE ST2082

- Frequency range : 140- 6000 MHz
- Return loss: > 15 dB
- Insertion loss: < 3 dB
- Impedance ratio: 1 : 1
- DC Isolation: 200 V by L-R-C filter network
- Dimensions :56x26 mm incl. connectors

SD- / HD-/ 3G-/ 6G-/ 12G-W

cable version of for all data rates

- Dimensions: 50 x 20 mm incl. connector
- cable length 100 mm

SD- / HD-/ 3G-/ 6G-/ 12G-R

rackmount version for all data rates

- Dimensions: 33 x 14 mm, RM 18 mm