

## Product : HD SDI Galvanic Ground Isolator, In Line model Panel Mount Type

**Model No. :** LHDGI02

### Overview

The LHDGI02 is a compact panel mount Galvanic Isolator and is compatible with SD or HD SDI digital signals. They are built in cylindrical "barrel" style enclosures, fitted with a BNC connector at each end, and isolate both the signal and ground paths.



A feature of this version is a mounting flange which makes mounting the Isolators to, for example, tailboard panels on a OB Truck, very easy.

Also available in non panel mount in-line versions.

Fully 3G HD compatible versions are also available.

### Features

Bandwidth: 0.5 MHz to 1.485 GHz

DC Breakdown voltage: 100 volts minimum

Input and output impedance: 75 ohms

Return loss: >20dB

Mounting flange 30 x 25 mm

Dimensions: 60 x 20 (l x diameter) mm including BNC connectors

Weight: 36g

### Description / Details

Our LEN ground isolators use broadband high-pass filters to provide isolation of DC currents between two pieces of equipment, whilst permitting the full bandwidth of the SDI signal to pass, thus avoiding problems of signal distortion and operator shocks caused by a voltage difference. This method out-performs broadband transformers for SDI signals. Both signal and ground paths between equipment are isolated, there is no distortion of the signal. They are also suitable for ASI format.

**Images**

