

## Analogue Video Isolation Transformer - Medical

Order Code: - **VIT02**      **Technical Data**



- ▶ Eliminate severe interference (Hum eliminator)
- ▶ High breakdown voltage (Ground Isolator)
- ▶ Minimal differential phase or gain distortion
- ▶ Transparent to PAL and NTSC video
- ▶ Small size (8.5 x 5.6 x 3.9 centimetres)
- ▶ DC Block - blocks DC signals

The L E N Video Isolation Transformer acts as BOTH a Hum Eliminator AND a Ground Isolator whilst also improving on the performance of the traditional individual products.

The VIT02 will remove severe interference caused by 50 or 60 Hz hum whilst a normal "Humbucker" will only remove moderate interference.

At the same time it acts as a high performance Ground Isolator eliminating ground potential differences between equipment with a minimal phase and gain distortion. The VIT02 has been developed to withstand the high breakdown voltages required of medical applications.

### Technical Data

<b>Impedance: -</b>	75 Ohms
<b>Ripple reduction: -</b>	120 dB
<b>Breakdown Voltage: -</b>	3Kv typical
<b>0.5 dB Bandwidth Amplitude: -</b>	< 8 Hz to > 5.5 MHz
<b>Enclosure: -</b>	ABS box, 85 x 56 x 39 mm (excluding mounting flanges)
<b>Weight: -</b>	170 gm
<b>Connectors: -</b>	BNC Female