

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

Impedance: - 75 Ohms

Ripple reduction: - 120 dB

Breakdown Voltage: - 3Kv typical

0.5 dB Bandwidth Amplitude: - < 8 Hz to > 5.5 MHz

Enclosure: - ABS box, 85 x 56 x 39 mm (excluding mounting flanges)

Weight: - 170 gm

Connectors: - BNC Female