Vi1061

Video Isolation Transformer

Features

- · Eliminates video ground loop distortions
- · Low insertion loss and constant group-delay
- · Flat frequency and linear phase response
- NTSC, PAL, and SECAM video formats
- · Support for "up-the-coax" type signals
- No power required
- Wide bandwidth fr20 Hz to 5.5 MHz
- · Compact size and easy in-line or wall-mount installation
- Compact and rugged packaging
- 500 V DC isolation voltage
- Limited lifetime warranty



Applications

- · Security and surveillance
- Video systems
- Casino security
- Hospitals and airports

The Vigitron Vi1061 is a video isolation transformer designed for base-band composite video signals. The annoying and potentially damaging hum bars on the screen are caused by ground voltage potential differences between your video equipment that is called ground loop. The Vi1061 provides complete isolation between devices and eliminates video hum bars, ground loops, and DC offsets which can degrade picture quality and potentially damage video equipment.

The Vi1061 connects easily to your video equipment through coax cables close to the receiving equipment such as monitors. It benefits from a unique packaging that preserves its specifications in different environments. Its wide bandwidth and low insertion loss makes it an ideal solution for eliminating ground loop problems for a wide variety of applications.

Application Diagram



www.vigitron.com

The smart choice for quality video

Technical Specification*

Electrical

Video FormatNFrequency2Input Impedance75 OhmOutput Impedance75 OhmMax. Input Level4 Vpp/75Insertion Loss0PowerNConnectors0

NTSC, PAL, SECAM 20 Hz to 5.5 MHz

5 0.8 dB No power required Camera side: female BNC Monitor side: male BNC 500 V DC 100 MOhms

Insulation Resistance

Isolation Voltage

Humidity Temperature 0 to 95%, non-condensing Operating: -10C to +70C Storage: -30C to +70C

Mechanical

Dimensions Weight Material 12.25x1.2x0.84 inches (31x3x2.2 mm) 2.3 oz (66 g) ABS

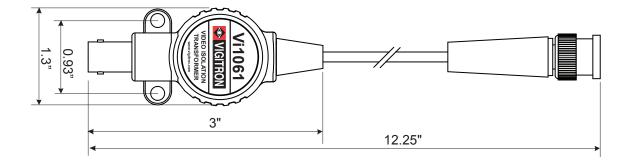
*Specifications subject to change without notice.

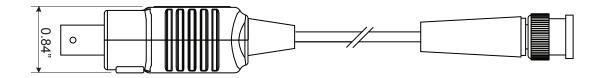
Ordering Information

PART No.	Description
Vi1061	Video Isolation Transformer

System Configuration









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