



Overview

GE's Video Isolation Transformer is now IFS. This Video Isolation Transformer is designed for base-band composite video signals. Designed to ensure high-quality images, this transformer helps eliminate potentially damaging on-screen "hum bars" caused by ground voltage potential differences between your video equipment, also known as a ground loop. The IFS Video Isolation Transformer provides complete isolation between devices and eliminates distortions caused by video hum bars, ground loops, and DC offsets.

In addition, flat frequency and linear phase response provides excellent picture quality and the unit's wide bandwidth is compatible with a large range of video formats without adding distortion.

Standard Features

- Eliminates video ground loop distortions and "hum bars"
- Flat frequency and linear phase response ensures a high-quality image
- Wide bandwidth (10 Hz – 8 MHz)
- Low insertion loss minimizes signal attenuation
- Constant group-delay adds no color distortion
- Compatible with NTSC, PAL and SEACAM
- Supports "up-the-coax" PTZ control
- Compact size and no power required
- 700 VDC isolation for safe operation
- Comprehensive Lifetime Warranty

High-resolution Video Isolation Transformer



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F 852-2142-5063

Australia and New Zealand
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Specifications subject to
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Agency Compliances

- CE
- UL/cUL



Specifications

Video Format	NTSC, PAL, SECAM
Frequency	DC to 8 MHz
Coax	75 Ohm
Insertion Loss	0.5 dB
Power	No power required
Video Connector	BNC
Dimensions	2.14" (5.5 cm) x 1.4" (3.5 cm) x 3.66" (9.3 cm)
Weight	.37 lb
Enclosure	Aluminum
Humidity	0 to 95%, non-condensing
Operating Temperature	-10°C to +70°C
Storage Temperature	-30°C to +70°C

Ordering Information

GEC-VIT	Video Isolation Transformer
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Typical Application

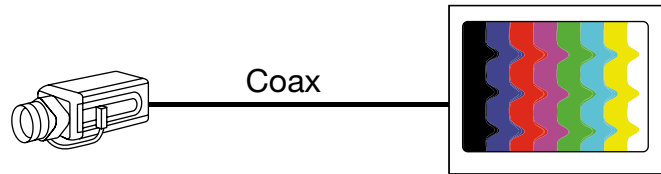
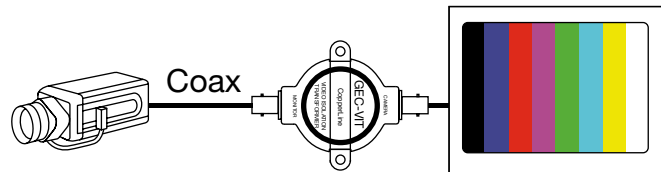


Image distortion due to ground loop



Corrected image with GEC-VIT installed

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