

# HumV – GROUND LOOP ISOLATION TRANSFORMER



The Vista HumV is designed to eradicate the problem caused by Ground Loops in a CCTV system.

In video, ground loops can be seen as hum bars (bands of slightly different brightness) scrolling vertically up the screen. These are frequently seen where the monitor has its case grounded via a 3-prong plug, and the other components have a floating ground connected to the coax. In this situation, a current is induced which distorts the picture. This problem can be solved by placing an isolation transformer on the coax.

The HumV can be placed on the coax cable, either at the monitoring station or at the camera location. It is a passive device so doesn't require any power.

To learn more about this product range please visit us at [vista-cctv.com](http://vista-cctv.com)



## Key Features:

### Passive device

No additional power required

### Wide-ranging bandwidth

Passes signals of up to 11MHz so ideal for hi resolution cameras

### Simple to install

BNC connection makes for quick and easy install

THE PROFESSIONAL CHOICE

PRODUCT DETAILS:

0472580 HumV Ground loop isolation transformer

TECHNICAL SPECIFICATION

VIDEO	
Bandwidth	20Hz to11MHz +0/-3dB
Differential Gain	<2%
Differential Phase	<2°
Input & Output Resistance	75ohm
S/N Ratio	≥ 60dB
Insert Loss	<0.5dB
Ground Loop Circuit Isolation	<90dB @50Hz
ENVIRONMENT	
Temperature	Operating: -25° to +75° C
Humidity	0-95% (Non-Condensing)
Weight	36g
Dimensions	50x28x28mm (LxWxH)
Connector type	BNC



No liability will be accepted by Vista for any errors or omissions in this information.

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