



## DTK-GLI Ground Loop Isolator

DITEK's DTK-GLI (Ground Loop Isolator) is a passive device that utilizes state-of-the-art hybrid circuit technology to reduce video distortion caused by ground loop interference. The GLI corrects most common ground loop problems, including video distortion; and eliminates picture tearing, cross talk and rolling. The GLI is ideal for use where a video signal is transmitted via cable between points with different ground potentials, typically caused by unbalanced power loads. The result is the presence of AC current in the cable shield.



### Product Features

- Prevents video signal distortion caused by conflicting power loads
- Passive device allows for two-way communication of control/video
- Small footprint for ease of installation

### Applications

- Video Surveillance over RG-59/U or RG-6/U Coax Cable (not recommended for HDCCTV)
- Installed prior to recording device and monitor

### Technical Specifications

<b>Insertion Loss:</b>	1.1dB (5MHz)
<b>Impedance:</b>	75 ohms
<b>Common Mode Ground Loop Rejection Rate:</b>	90dB @ 50/60Hz
<b>Dielectric Withstand Voltage:</b>	1,000V @ 60Hz for 2 seconds

### Mechanical Specifications

<b>Connection Method:</b>	BNC Female In/Out
<b>Housing:</b>	ABS
<b>Operating Temperature:</b>	-40°F – 158°F (-40°C – 70°C)
<b>Maximum Humidity:</b>	95% non-condensing
<b>Dimensions:</b>	3.0" L x 2.4" W x 1.3" H (76.2 mm x 61 mm x 33 mm)
<b>Weight:</b>	4 oz (113 g)

### Quality Standards & Approvals

<b>Warranty:</b>	10 Year Limited Warranty
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