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. It corrects most common ground loop problems, including video distortion, and eliminates picture tearing, cross talk and rolling. The DTK-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

ACCESSORIES

- DIN Rail Mounting Kit, P/N DTK-DRK

TECHNICAL SPECIFICATIONS	
Insertion Loss:	1.1dB @ 5MHz
Impedance:	75 ohms
Common Mode Ground Loop Rejection Rate:	90dB @ 50/60Hz
Dielectric Withstand Voltage:	1000V @ 60Hz (2 seconds)

MADE IN USA

Every precaution has been taken to ensure that this is accurate and complete. DITEK Corporation assumes no responsibility and disclaims all liability for damages resulting from the use of this information or for any errors or omissions.

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MECHANICAL SPECIFICATIONS	
Connection Method:	BNC Female In/Out
Housing:	ABS
Operating Temperature:	-40°F – 158°F (-40°C – 70°C)
Maximum Humidity:	95% non-condensing
Dimensions:	3.0 in. L x 2.4 in. W x 1.3 in. H (76 mm x 61 mm x 33 mm)
Weight:	2.5 oz (71g)

SAFETY STANDARDS AND CERTIFICATIONS	
Warranty:	10 Year Limited Warranty

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