

Video Ground Loop Isolator

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WR-001GL



WR-001GB



WR-001TGP

A ground loop problem may occur at several points in the CCTV system, and each occurrence of the problem must be corrected individually. Loops can occur between a camera and monitor, from a camera to a switcher or one of many other possibilities. Video Ground Loop Isolator could reduce "Ground Loop Interference" with CCTV signals and can easily install in a new or added to existing systems. It is useful where a video signal is transmitted via cable between points with different ground potentials. Differences in ground potentials are typically caused by unbalanced power line loads.

WR-001GL Coaxial Video Ground Loop Isolator

- BNC male to BNC female with mini cable 15 on both sides.
- Passive, no power required.
- Prevents video-signal distortion caused by video ground loops.
- Eliminates picture tearing, cross talk and rolling.
- Prevents power cables laid by others interfering with the CCTV system.
- Built in TVS (Transient Voltage Suppressors) for surge protection

WR-001GB Coaxial Video Ground Loop Isolator built in Video BALUN

- BNC male to BNC female with mini cable 15 on both sides.
- Others same as GL001 Ground Loop Isolator function.
- Built in Video BALUN, perfect to work with DVR to immunity DVR interference, for extra interference rejection.
- Built in TVS (Transient Voltage Suppressors) for surge protection.

WR-001TGP Twisted Pair Ground Loop Isolator built in Video BALUN

- BNC male to 2 pin terminal block.
- Others same as GL001 Ground Loop Isolator function.
- Built in Video BALUN for Transmit a full motion monochrome video signal up to 600 meters, color video signal up to 400 meters.
- Eliminate Coaxial Cable.
- Built in TVS (Transient Voltage Suppressors) for surge protection.

Installation View

The Video Ground Loop Isolator should be installed where runs of video cable are known to have ground loops. It must be installed in the video cable that has come directly from the camera, but before the cable has been connected to anything else. If several video cameras come from the same area, fix a Video Ground Loop Isolator In every cable, or a ground loop will still remain.

MODEL	WR-001GL	WR-001GB	WR-001TGP
Insertion Loss		0.5dB	
Frequency Response		0-3dB at 10Mhz	
Input Resistance		75 ohm	
Output Resistance		75 ohm	
Isolation Voltage		600VDC (Min)	
Insulation Resistance		100m Ohm	
Transient Voltage Suppressors		12 Vrms	
BALUN	X	V	V
Dimensions (mm)	84x28x21 with 15cmx2 cable		69x25x22
Material	ABS Black		

