

Video Ground Loop Isolator



GL001

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.

Features :

- 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.



Before use



After use

VIDEO GROUND LOOP ISOLATOR SERIES

ITEM NO.: GL001, GB001, TGP001

The GL001, GB001, TGP001 Video Ground Loop Isolator are passive devices which 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.

GL001 Coaxial Video Ground Loop Isolator

Features:

- 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.



GB001 Coaxial Video Ground Loop Isolator built in Video BALUN

Features:

- 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.



TGP001 Twisted Pair Ground Loop Isolator built in Video BALUN

Features:

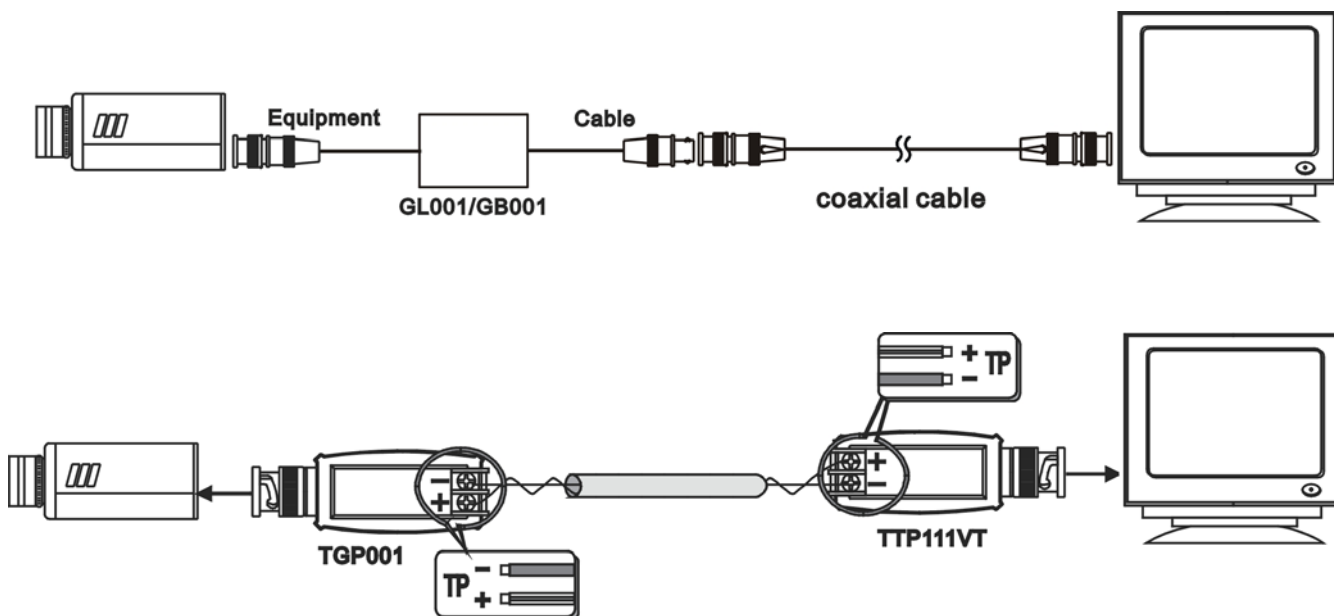
- BNC male to 2 pin terminal block.
- Others same as GL001 Ground Loop Isolator function.
- Built in Video BALUN .
- Eliminate Coaxial Cable.
- Built in TVS (Transient Voltage Suppressors) for surge protection.



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.



■ Specification

Item	GL001	GB001	TGP001
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		