

VIDEO GROUND LOOP ISOLATOR SERIES

ITEM NO.: **GL001, GL001H**

The GL001, GL001H 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.

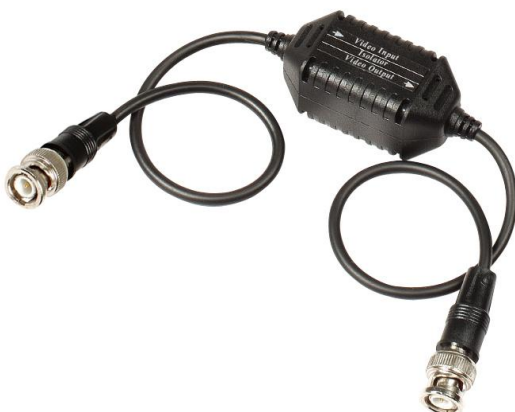
GL001 Coaxial Video Ground Loop Isolator

- BNC male to BNC male with mini cable 15cm on both sides.
- [Package include a BNC female to BNC female connector.](#)
- 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.



GL001H Hi Performance Coaxial Video Ground Loop Isolator

- BNC male to BNC male with mini cable 15cm on both sides.
- [Package include a BNC female to BNC female connector.](#)
- Passive type, no power need.
- Hi Performance to eliminate ground loop problem.
- Low video loss , Bandwidth: 20hz -11Mhz ,+0/-3dB
- 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.



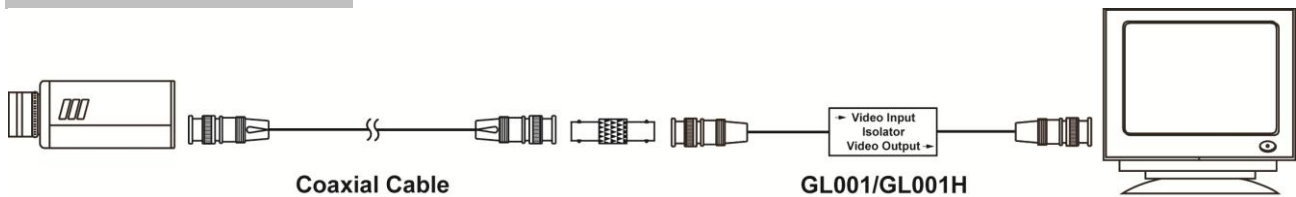
Installation View

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 or DVR side.

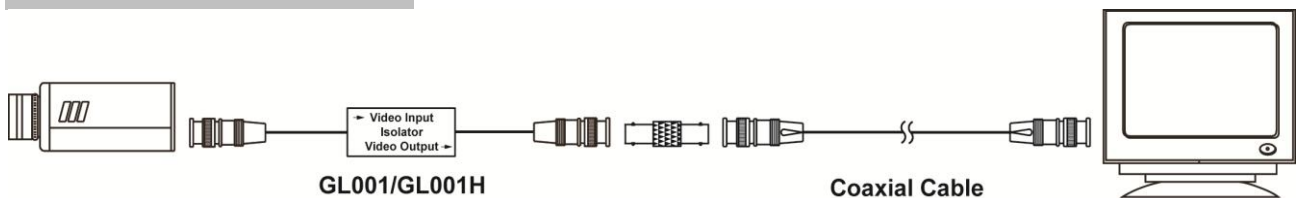
Remark: Please make sure the correct Video Input /Output direction. Package include a BNC female to BNC female connector for easy wiring.



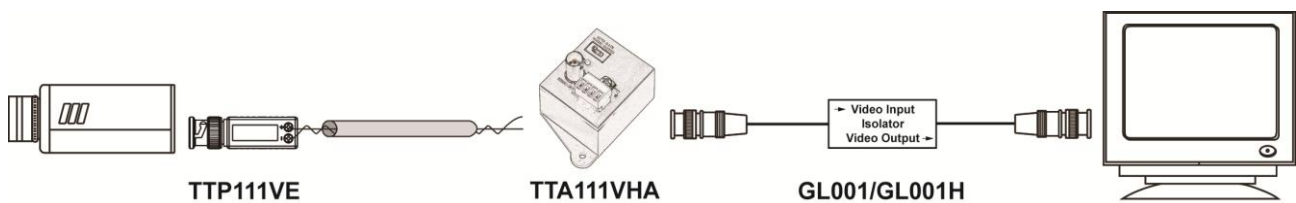
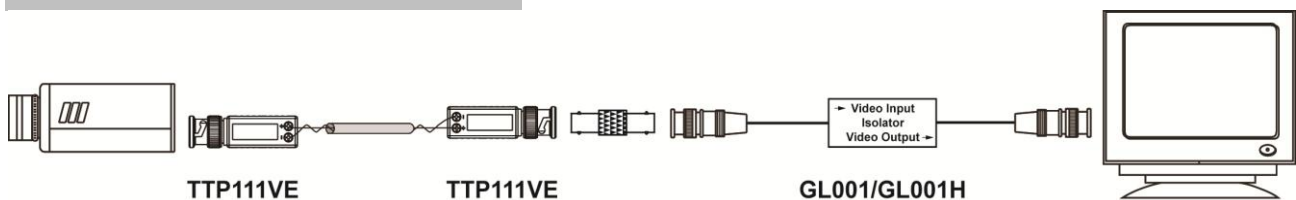
★ Install at DVR side:



★ Install at Camera side:



★ Install with UTP transceiver:



Specification :

ITEM NO.	GL001	GL001H
Insertion Loss	0.5dB	
Frequency Response	20Hz -10MHz (0~3dB)	
Coaxial Input/Output Resistance	75 Ohm	
Ground Isolation	>90dB @ >50Hz	
Isolation Voltage	DC 600V (Min)	
Insulation Resistance	100M Ohm	
Transient Voltage Suppressors	12 Vrms	X
Dimensions mm	73.3 x 28 x 21 with 18cm x 2 Cable	73 x 28 x 26.5 with 20cm x 2 Cable
Weight g	75	85