

## VIDEO GROUND LOOP ISOLATOR SERIES

### ITEM NO.: GB001

The GB001 is special designed Video Ground Loop Isolator which built in video BALUN function, a passive devices which reduce Ground Loop Interference and also eliminate ghost/double images 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.

### GB001 Coaxial Video Ground Loop Isolator built in Video BALUN

- BNC male to BNC male with mini cable 18cm on both sides.
- Package include a BNC female to BNC female connector.
- Passive, no power required.
- Built in Video BALUN, perfect to work with DVR to immunity DVR interference, for extra interference rejection.
- 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.



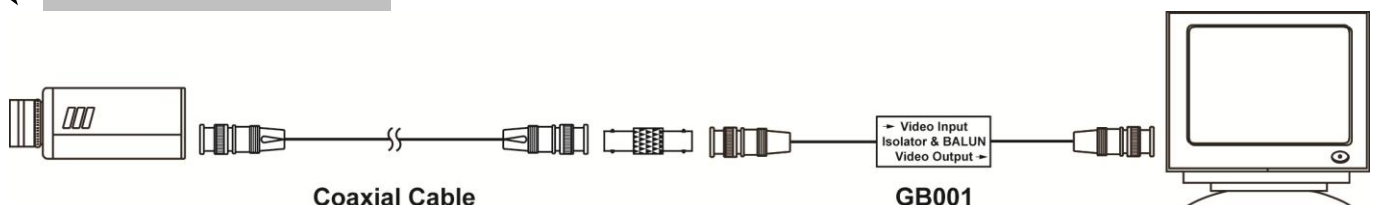
### Installation View

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.

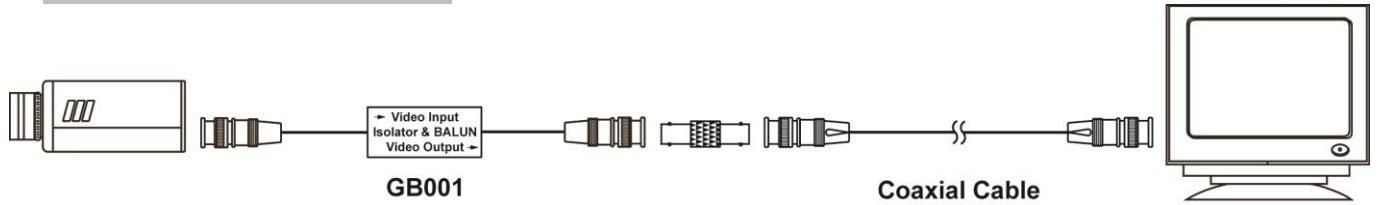
Remark: Please make sure the correct Video Input /Output direction.  
Package include a BNC female to BNC female connector for easy wiring.



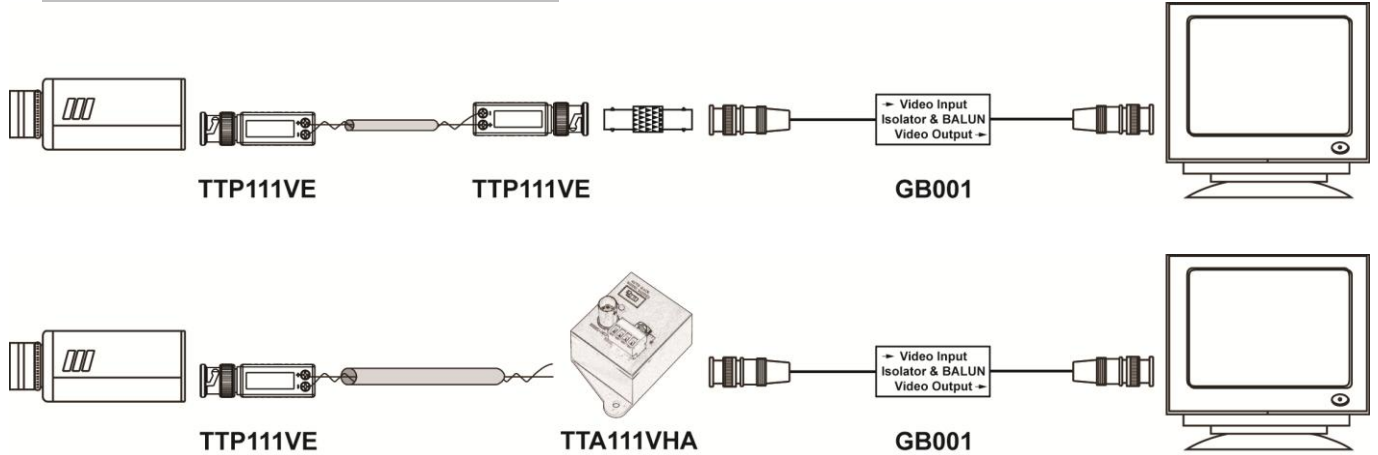
### ★ Install at DVR side:



★ **Install at Camera side:**



★ **Install with UTP transceiver:**



**Specification :**

ITEM NO.	GB001
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
Dimensions mm	73.3 x 28 x 21 with 18cm x 2 Cable
Weight g	78

RoHS CE FC

Rev. C