

DEFENDERTM SECURITY

MCM ITEM-NO: 82-6133



Ground Loop Isolator

Coaxial Video Ground Loop Isolator built in Video BALUN

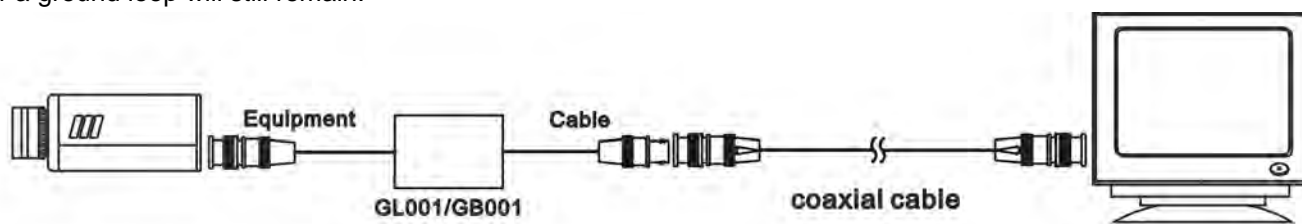
The GB001 Video Ground Loop Isolator is passive devices which reduce Ground Loop Interference with CCTV signals and can easily install in a new or added to existing systems. It is useful where a video signal is transmitted via cable between points with different ground potentials, Differences in ground potentials are typically caused by unbalanced power line loads.

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 Video BALUN, perfect to work with DVR to immunity DVR interference, for extra interference rejection.
- 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	GB001
Insertion Loss	0.5dB
Frequency Response	0-3dB at 10Mhz
Input/ Output Resistance	75 ohm
Isolation Voltage	600VDC (Min)
Insulation Resistance	100m Ohm
Transient Voltage Suppressors	12 Vrms
BALUN	V
Dimensions (mm)	84x28x21 with 15cmx2 cable