



High Performance Ground Loop Isolator – Video BNC

Model: VFGBNC

The video ground loop isolator reduces ground loop interference with CCTV signals. It can be installed easily to a new system or as an additional isolator in an existing system. The isolator 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:

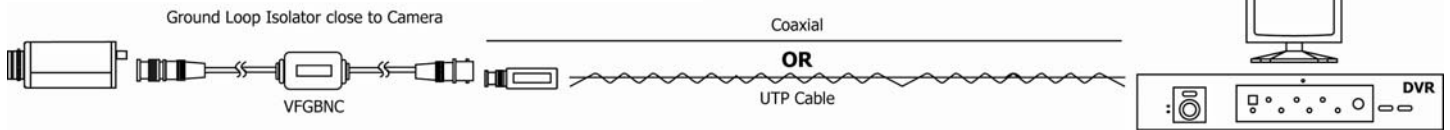
- BNC male to BNC female with mini cable – 9.45” / 240mm on both sides.
- Built-in TVS (Transient Voltage Suppressors) for surge protection.
- High Performance to eliminate ground loop problem.
- Low video loss, Bandwidth: 20hz-11Mhz, +0/-3dB.
- Passive; No power required.
- Prevents video-signal distortion caused by video ground loops.
- Eliminates picture tearing, cross talk, and rolling.
- Prevents power cables laid by others interfering with the CCTV system.
- It is useful where a video signal is transmitted via cable between points with different ground potentials.



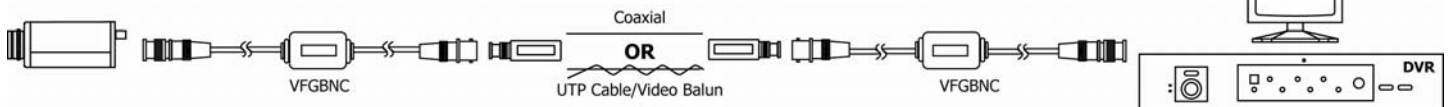
Since all UTP Balun's Passive and Active Video Baluns have multiple protections, adding a High Performance Ground Loop Isolator will make it immune to interference from sources of noise: data signals, other video signals, nearby power, ringing telephones, fluorescent lights, transformers and more.

Application Diagram:

A) General Application: Connection via Coaxial or UTP



B) Extreme Cases: Connection via Coaxial or UTP/Video Balun with Two (2) Ground Loop Isolators



Specification:

Model Number	VFGBNC	
Cable Connections	BNC Male to BNC Female	
Insertion Loss	<0.5 dB	
Frequency Response	20Hz-11Mhz, +0/-3dB	
Input / Output Resistance	75 Ohms	
Isolation Voltage	600V DC (min.)	
Insulation Resistance	100m Ohm	
Transient Voltage Suppressors	12 Vrms	
Dimensions	W x H x D	3.3" x 1.1" x 0.82" with 9.45" x 2 cable 84mm x 28mm x 21mm with 2x 240mm cable
Material	ABS Black	

*Specifications are subject to change without notice

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