

## Video Ground Loop Isolator

### Features:

- BNC Male with 100mm Mini Coax to BNC Female.
- Eliminates Hum Bars caused by ground loops and interference.
- Transient Voltage Protection
- Exceptional performance, High Reliability and Durability
- Housed in a fire retardant wall mountable Case
- Impedance 75 Ohms
- High quality and performance
- Passive device (no power supply required)
- Stable over working temperature between 0 °C to +55 °C

### Application:

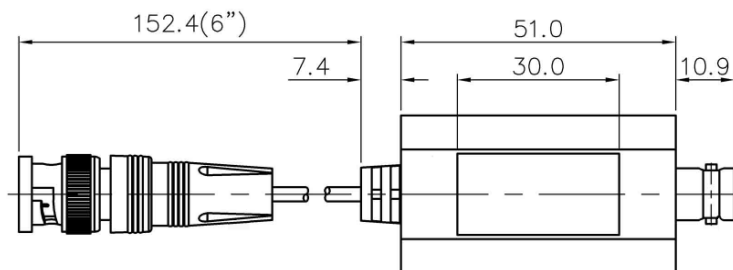
In installations where hum bars and interference caused by multiple ground paths affect the picture quality use of EQL Teleconnect's high performance ground loop isolators will in most cases fix the problem. Where hum bars and general interference problems, suspected to be from grounding issues, are noted a lot of time could be saved by firstly installing a ground loop isolator between the coax feed connecting the camera to see if this problem is generated from multi-path grounding and if it is the ground loop isolator will fix the problem.

### Specifications:

Bandwidth:	0 to 10 MHz (-3 dB)
Insertion Loss:	< 0.5 dB
Impedance:	75 ohm Nominal
Maximum Signal Voltage:	1.1 Vp-p
Cable Length:	100 mm
Isolation Voltage:	750 Volts DC
Insulation Resistance:	>100M ohm
Transient Voltage Suppression:	12 Volts rms
Temperature Range:	0 to 55 °C operating, 22 to 80°C Storage
	95% Relative Humidity
Casing:	Black Fire Retardant Plastic ABS UL 94V-0

Note: Specifications subject to change without notice.

### Drawing Outline



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**Ground Loop Isolator  
BNC Male with 100mm Mini Coax  
to BNC Female  
Part Number: E10500  
(Camera End)**



**Ground Loop Isolator  
BNC Female to BNC Male with  
100mm Mini Coax  
Part Number: E10500D  
(DVR End)**