

GlueBox GI04AV Inline Analogue Video Ground Isolation Transformer



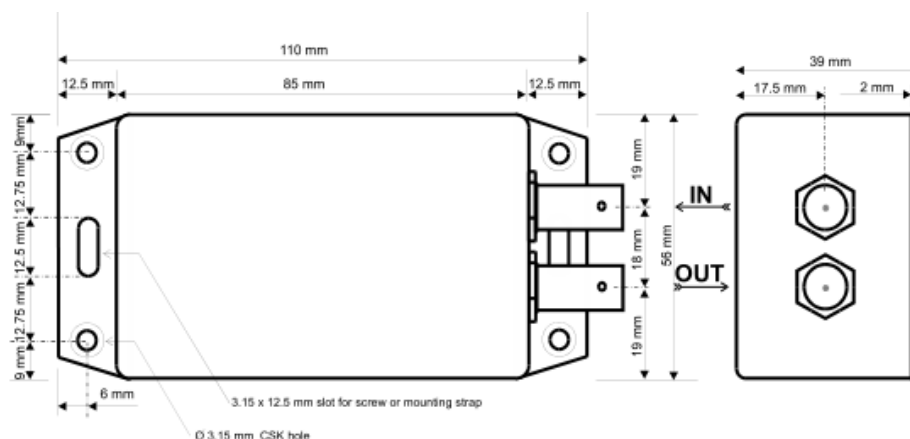
Key Features

- Analogue video cable isolator
- 0.3dB at 5.5MHz
- Eliminates hum and provides isolation from ground loop effects
- Simple to install

The GI04AV is designed to eliminate video hum in environments that may have differing ground potentials associated with fixed and temporary installations. There are numerous circumstances in both fixed and temporary video installations, such as outside broadcasts, concerts or events where a variety of power sources may be employed across a variety of equipment used on site. Often, a real difference in ground potential exists between equipment and this causes current to flow in the outer of the interconnecting coax cables. This ripple current manifests itself as hum on the video and can be sufficiently severe as to completely disrupt the picture displayed on a monitor. The source of the ripple is normally of quite low-impedance and can deliver significant current. The hum-bucker type of hum eliminator will saturate under these conditions and cease to provide any hum elimination, however Oxygen DCT's GI04AV will provide electrical isolation between the equipment, eliminating the ripple currents and restoring good video performance.

Whilst the GlueBox GI04AV is flexible enough to be used in a variety of indoor and out door locations it is not designed to be used in very wet condition nor is it water proofed to IP 65 standards.

This equipment is part of the company's extensive range of practical low cost solutions which are available online, 24/7, 365 days a year at www.oxygendct.com and at the following URL http://www.oxygendct.com/acatalog/Digital_Widgets.html





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Specifications

General	
Video	Analogue video to 5.5Mhz
Ripple Reduction	120dB
Isolation Voltage	500 volts max
Impedance	75 ohm
Frequency range	0,4-10 MHz
Insertion loss	< 0.5dB at 5.5MHz < 3dB at 10Mhz
Differential gain	< 0.01 percent
Differential phase	< 0.01 degrees
Physical	
Weight	200g approx
Dimensions	110x56x39mm, including flange

Ordering Information

GlueBox Inline GI04AV Video Ground Isolation transformer

The above information is subject to continual change due to product development.
Oxygen DCT 2009 E & OE