

# 3.5mm Stereo Audio Ground Loop Isolator

## AGL

### Features

- AGL is an audio ground loop isolator designed to reduce signal interference caused by voltage potential differences at the ground points between two devices
- 3.5mm male and female connectors



### Specifications

AGL

#### Support

Audio Bandwidth	20 to 20KHz (-3dB)
Frequency	@Ref 600 Ohm: @300Hz= ±0.35dB, @4Khz= ±0.35dB
Insertion Loss	@1KHZ, 0dBm
Return Loss	@Ref 600Ohm:: @300HZ= 20dB Min., @1Khz-22dB Min., @4Khz= 22dB Min.
Turn Ratio	@18Khz, 1Vrms
Audio Input Impedance	600 Ω, 12.3 Vrms

#### Ports & Interfaces

Audio Input/ Output	1 x 3.5mm Phone Jack, 1 x 3.5mm Phone Plug
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#### Ambient Temperature

Operation	32 to 131 °F (0 to 55°)
Storage	-4 to 185 °F (-20 to 85°)
Humidity	Up to 95%

#### Physical Characteristics

Dimensions	21 x 1.1 x 1" (552 x 29 x 25mm)
Weight	0.11 lbs (50g)

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