

# Technical Specifications

## VMT-2 Audio Isolation Transformer

- Magnetically coupling line level audio
- Isolating ground references from one audio circuit to another
- Convenient screw terminal connectors



*Magnetically coupling  
line level audio*

### Description:

The VMT-2 Audio Isolation Transformer may be used for magnetically coupling line level audio. Common uses include isolating ground references from one audio circuit to another.

## SPECIFICATIONS

### INPUT

Impedance: 600 Ohms nominal

### OUTPUT

Impedance: 600 Ohms nominal

### DC RESISTANCE

Audio input: 65 Ohms +/- 15%

Audio output: 55 Ohms +/- 15%

### FREQUENCY RESPONSE

+/- 3 dB, 50 Hz – 20 kHz

### TURNS RATIO

1:1 +/- 5%

### ENVIRONMENT

Temperature: -4 to 131 °F (-20 to 55 °C)

### DIMENSIONS AND WEIGHT

1.75in H x 3.75in W x 1.25in D

(4.45cm x 9.53cm x 3.18cm)

Weight: 0.50lbs (0.23kg)

Shipping Weight: 2.40lbs (1.08kg)

### MOUNTING

Wall

## ARCHITECTS AND ENGINEERS

The Audio Isolation Transformer, model VMT-2, shall be used for magnetically coupling line level audio and isolating ground references from one audio circuit to another.

The VMT-2 Audio Isolation Transformer input shall be 600 Ohms +/- 10% at 1 kHz. Output shall be 600 Ohms +/- 10% at 1 kHz. The VMT-2 DC resistance audio input shall be 65 Ohms +/- 15%. DC resistance audio output shall be 55 Ohms +/- 15%. The VMT-2 frequency response shall be +/- 3 dB, 50 Hz – 20 kHz. Turns ratio shall be 1:1 +/- 5%.

The VMT-2 Audio Isolation Transformer input connection shall be

via screw terminals. Output connections shall be via RCA phono jack or screw terminals.

The VMT-2 Audio Isolation Transformer shall be wall mountable.

The maximum dimensions shall be: 1.75in H x 3.75in W x 1.25in D (4.45cm x 9.53cm x 3.18cm). Weight shall be approximately: 0.50lbs (0.23kg).

Warranty information may be found on our website at [www.valcom.com/warranty](http://www.valcom.com/warranty).

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