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Test & Measurement

- > sales
- > rentals
- > calibration
- > repair
- > disposal

Complimentary Reference Material

This PDF has been made available as a complimentary service for you to assist in evaluating this model for your testing requirements.

TMG offers a wide range of test equipment solutions, from renting short to long term, buying refurbished and purchasing new. Financing options, such as Financial Rental, and Leasing are also available on application.

TMG will assist if you are unsure whether this model will suit your requirements.

Call TMG if you need to organise repair and/or calibrate your unit.

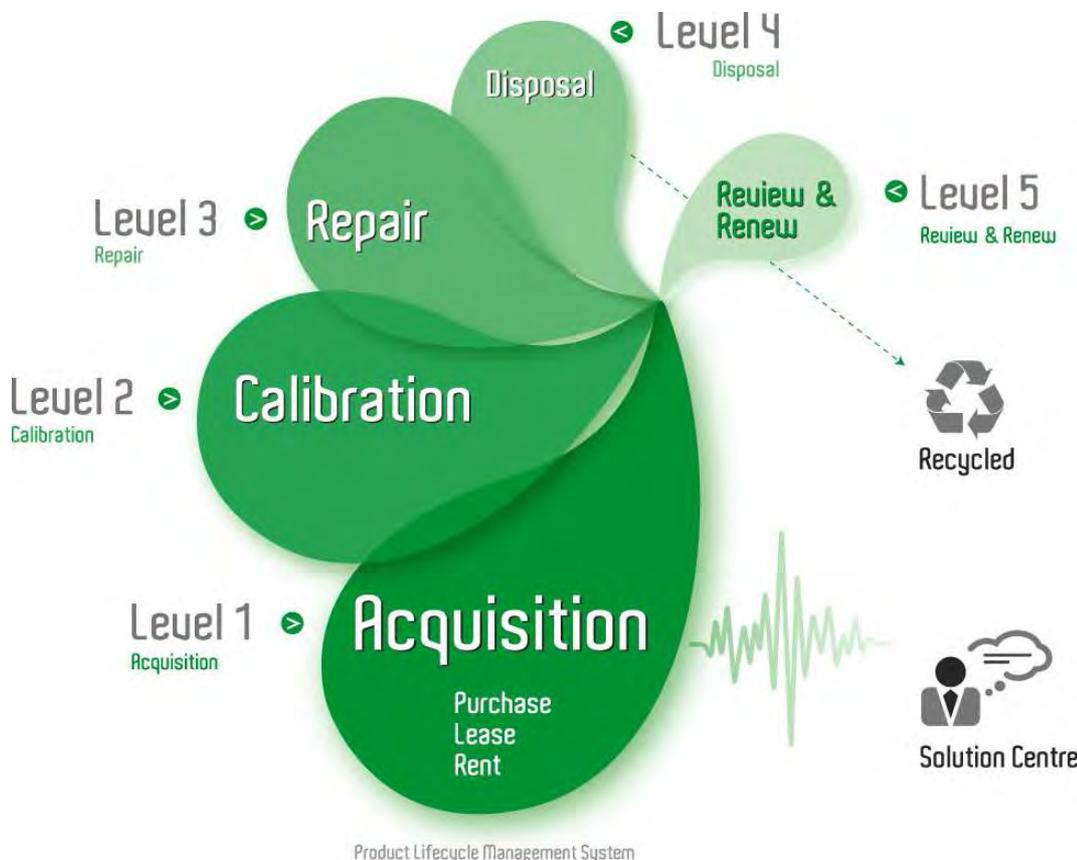
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TMG Corporate Website

TMG Products Website



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Product Lifecycle Management System

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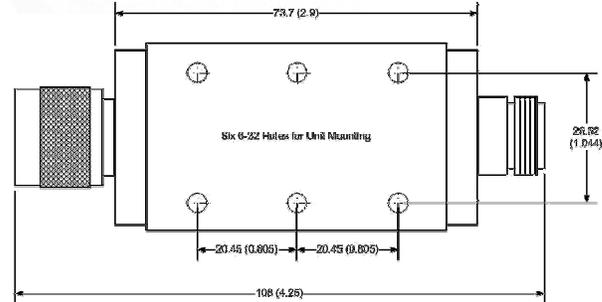
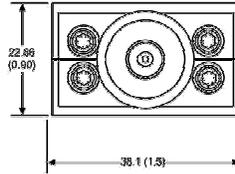


Fixed Coaxial Attenuator Low-Profile Mountable

MODEL WA72

DC – 8.5 GHz
Bi-directional

50 WATT



Features

Designed to comply with MIL-DTL-3933.

Bidirectional in power.

Conductive Cooling.

Flat base with mounting holes.

Specifications

Nominal Impedance: 50 ohms.

Frequency Range: DC – 8.5 GHz.

Nominal dB Value: 1 – 40 dB.

Power: 50W CW average bi-directional to 25°C; Peak power of 5KW; 5 µsec pulse width; 0.5% duty cycle, with case temperature held to +100°C maximum using conductive heat sink.

Power Sensitivity: < 0.005 dB/dB/W.

Temperature Range: -55°C to 125°C.

Temperature Coefficient: < 0.0004 dB/dB/°C.

Standard Nominal Values and Deviations:

Attenuation (dB)	Accuracy ± dB	
	DC – 4.0 GHz	4.0 – 8.5 GHz
1 - 40	0.40	0.75

Connectors: Type N or SMA stainless steel M/F connectors per MIL-STD-3448A, interface dimensions mate nondestructively with MIL-PRF-39012.

Construction: Black Aluminum alloy body with passivated stainless steel connectors. Gold plated beryllium copper male/female contacts.

Calibration: Insertion Loss and VSWR performed across frequency range. Calibration test data available at additional cost.

Maximum VSWR:

Frequency (GHz)	VSWR
DC – 4.0	1.20
4.0 – 8.5	1.30

Weight: .14 kg/5 oz.

Physical Dimensions:

Length:

Connector	Length
Type N	120.7 (4.3)
SMA	104.2 (4.1)

Note: Dimensions are given in mm (inches) and are maximum, unless otherwise specified.



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Specification
Subject to change
without notice