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Test & Measurement

- > sales
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- > calibration
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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.

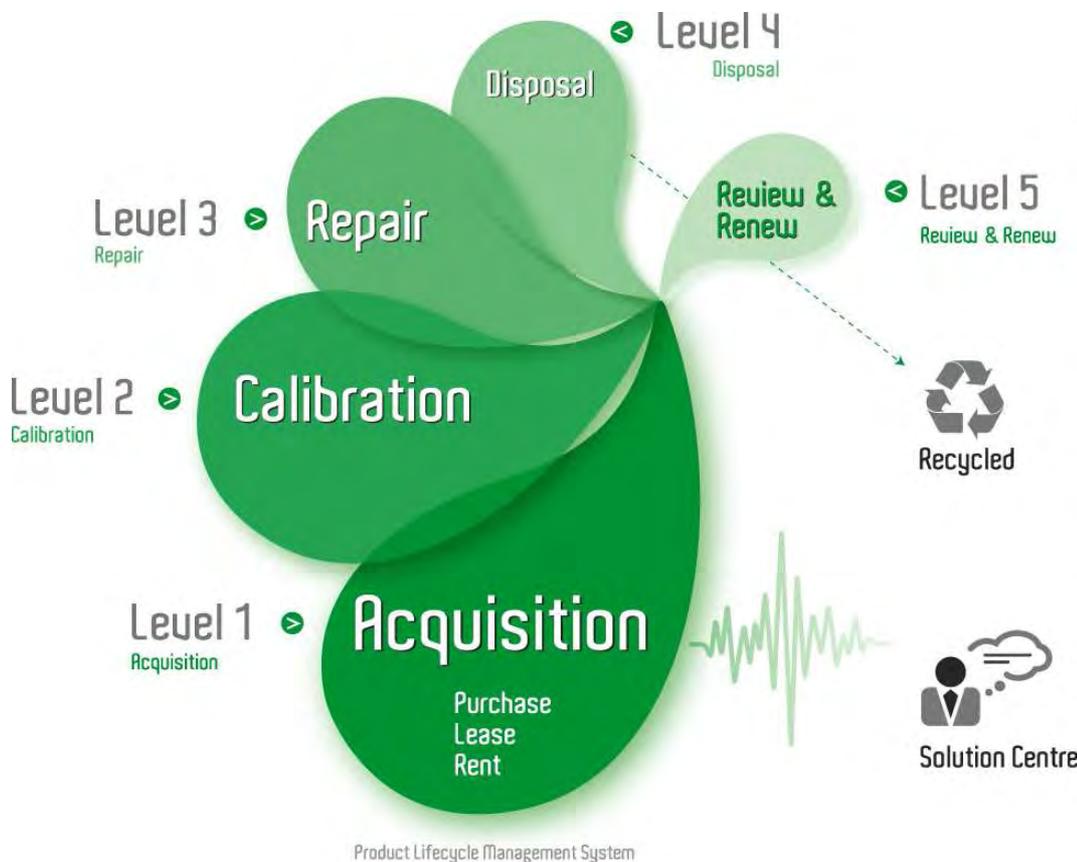
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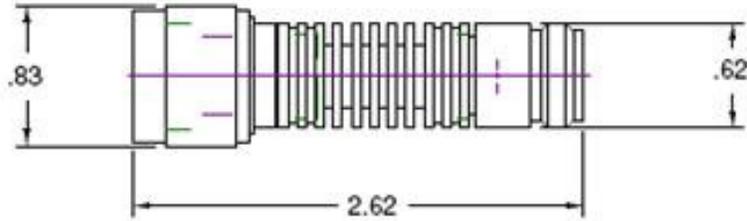


Fixed Coaxial Attenuator

MODEL WA37

DC – 8.5 GHz

10 WATTS



Features

Type N stainless steel M/F connectors per MIL-STD-348A, interface dimensions mate non-destructively with MIL-PRF-39012. Designed to meet MIL-DTL-3933 environmental specification. Unit may be mounted in any position.

Specifications

Nominal Impedance: 50 ohms.

Frequency Range: DC - 8.5 GHz.

Nominal dB Values: 1 – 30 dB.

Power Sensitivity: < 0.005 dB/dB/W;
Bidirectional in power.

Power Rating: 10 watts average, 1 KW peak.
Full power from -55°C to +25°C ambient, de-rated linearly to 1 Watt at +125° C. Peak power rated for 5 µsec pulse width; 0.5% duty cycle.

Temperature Range: -55°C to +125°C.

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

Construction: Black aluminum alloy body with passivated stainless steel connectors.

Standard Nominal Values and Deviations:

Attenuation (dB)	Accuracy ± dB
1, 2, 10	0.5
3, 6	0.3
20	0.7
30	0.8

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

Maximum VSWR:

Frequency (GHz)	VSWR
DC - 4.0	1.15
4.0 – 8.5	1.20

Length: 67.3 (2.62).

Weight: .085 kg/ 3 oz.

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



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