



ABN 43 064 478 842

➤ 231 Osborne Avenue Clayton South, VIC 3169
 PO Box 1548, Clayton South, VIC 3169
 t 03 9265 7400 f 03 9558 0875
 freecall 1800 680 680
www.tmgtestequipment.com.au

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.

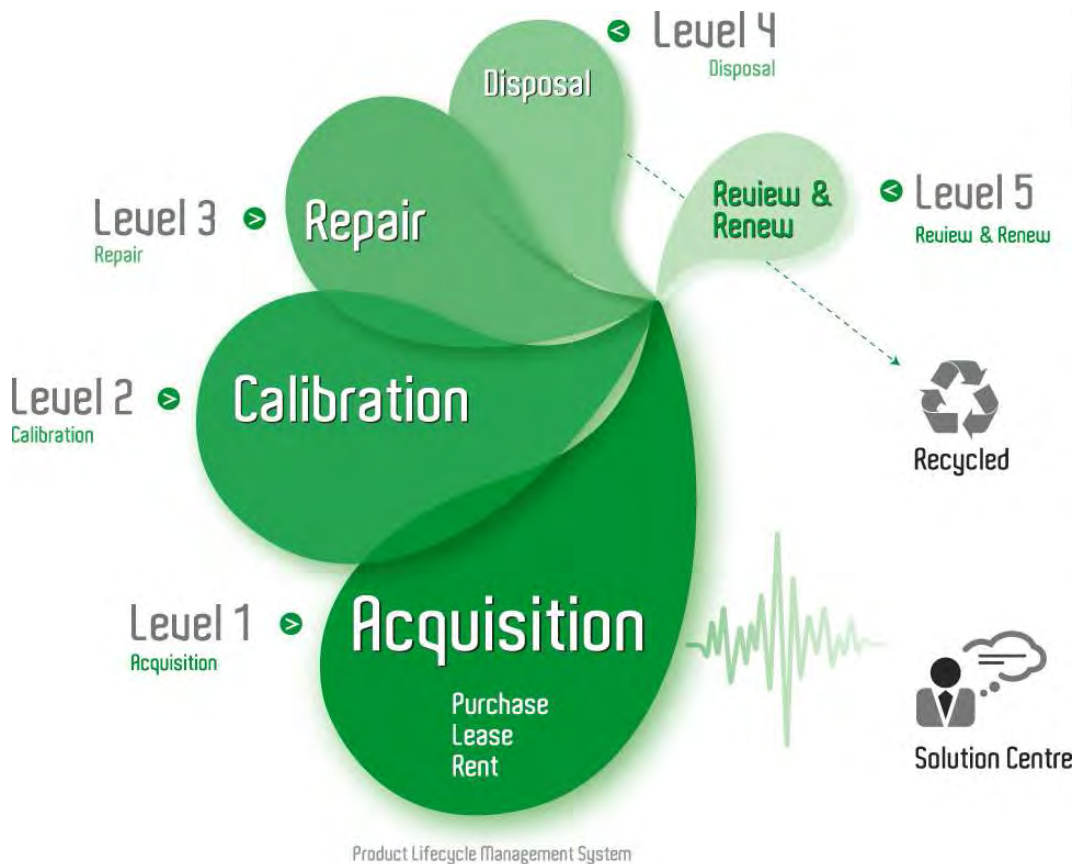
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Product Lifecycle Management System

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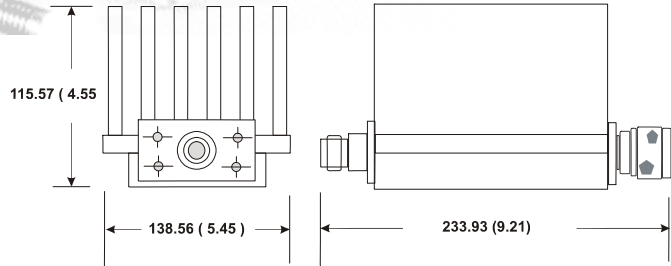


Fixed Coaxial Attenuator High Power

MODEL WA51

DC – 8.5 GHz

500 WATTS



Features

Type N or DIN 7/16 stainless steel M/F connectors per MIL-STD-348A, interface dimensions mate nondestructively with MIL-PRF-39012. Designed to meet MIL-DTL-3933 environmental specification.

Specifications

Nominal Impedance: 50 ohms.

Frequency Range: DC - 8.5 GHz.

Nominal dB Values: 10 - 40 dB.

Power Sensitivity: < 0.0001 dB/dB/W;
Unidirectional in power.

Power Rating: 500 watt CW/ 5KW peak. Maximum rated average power to 25°C ambient temperature, derated linearly to 25 watts at 125°C. 5 kilowatt peak (5 µsec pulse width; 1.5% duty cycle).

Temperature Range: -55°C to +125°C.

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

Standard Nominal Values and Deviations:

Attenuation (dB)	Accuracy ± dB
	DC - 8.5 GHz
10,20,30	0.75
40	1.0

Construction: Black aluminum alloy body with passivated stainless steel connectors. Gold plated beryllium copper 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	1.25
4.0 – 8.5	1.45

Weight: 4.1 kg / 9.0 lbs.

Width: 139.7 (5.5)

Height: 116.9 (4.6)

Length:

Connector	Length
Type N	297 (11.7)
DIN 7/16	338 (13.3)

Note: Dimensions are given in mm (inches) and are maximum ± .05 in., unless otherwise specified.



WEINSCHTEL ASSOCIATES

TEL: 877.948.8342 / 301.963.4630 ♦ Fax: 301.963.8640

WEB: <http://www.WeinschelAssociates.com>

EMAIL: sales@WeinschelAssociates.com

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Specification
Subject to change
without notice