



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.

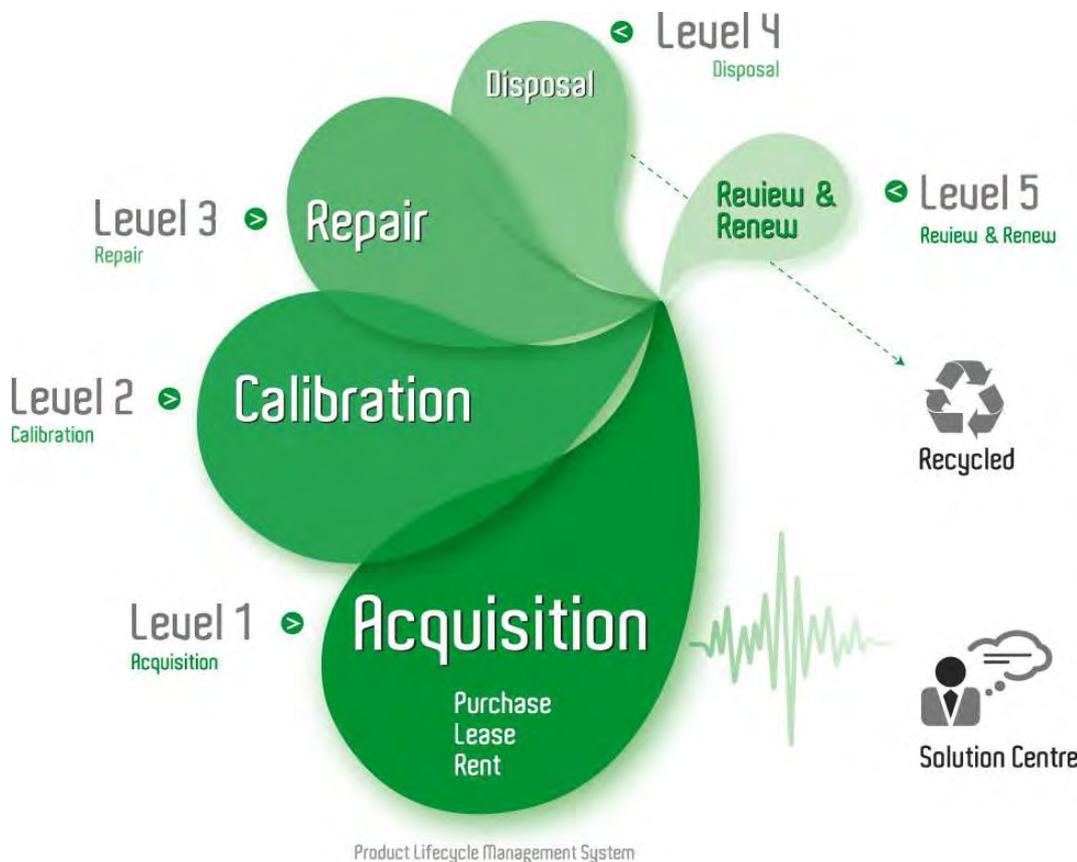
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TMG Corporate Website

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Product Lifecycle Management System

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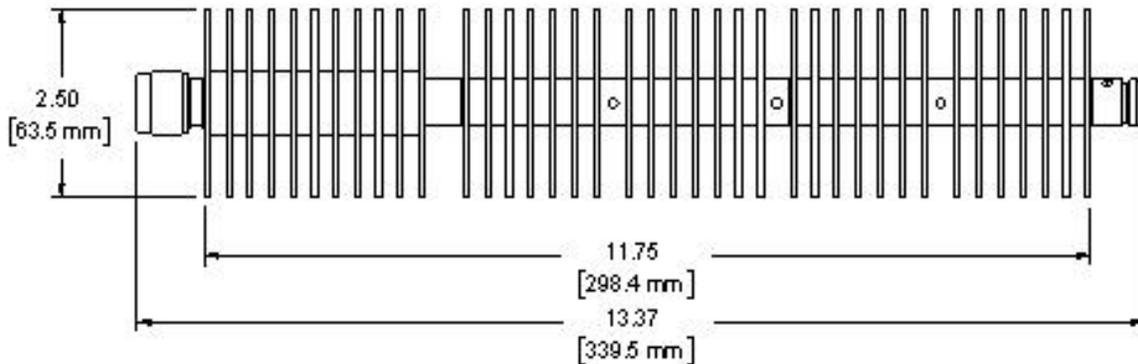


Fixed Coaxial Attenuator High Power - High Frequency

Model WA95

DC – 18.0 GHz

200 WATTS



Features

High power combined with high frequency response to cover a wide range of design requirements. Designed to meet MIL-DTL-3933 environmental specifications.

Specifications

Nominal Impedance: 50 ohms.

Frequency Range: DC – 18.0 GHz

Nominal dB Values: 10, 20, 30, 40 dB.

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

Power Rating: 200 Watts CW/1 kW peak (5 μ sec pulse width; 3.5% duty cycle) to 25°C ambient temperature, derated linearly to 20 watts at 100°C.

Standard Nominal Values and Deviations:

Attenuation (dB)	Accuracy \pm dB	
	DC - 8.0 GHz	8.0 – 18.0 GHz
10	1.50	+3.00 / -1.00
20, 30	2.00	+ 3.00 / -2.00
40	2.00	+ 3.00 / -2.00

Temperature Range: -55° C to 100°C.

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

Connectors: Type N connectors per MIL-STD-348A interface dimensions mate nondestructively with MIL-PRF-39012 connectors.

Construction: Aluminum alloy body, stainless steel connectors, gold plated beryllium copper contacts.

Maximum VSWR:

Frequency (GHz)	VSWR
DC – 18.0	1.50

Physical Dimensions:

Length: 339.5 (13.4)

Diameter: 63.50 (2.50).

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



WEINSCHEL ASSOCIATES

TEL: 877.948.8342 / 301.963.4630 ♦ Fax: 301.963.8640

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

EMAIL: sales@WeinschelAssociates.com