



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

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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.

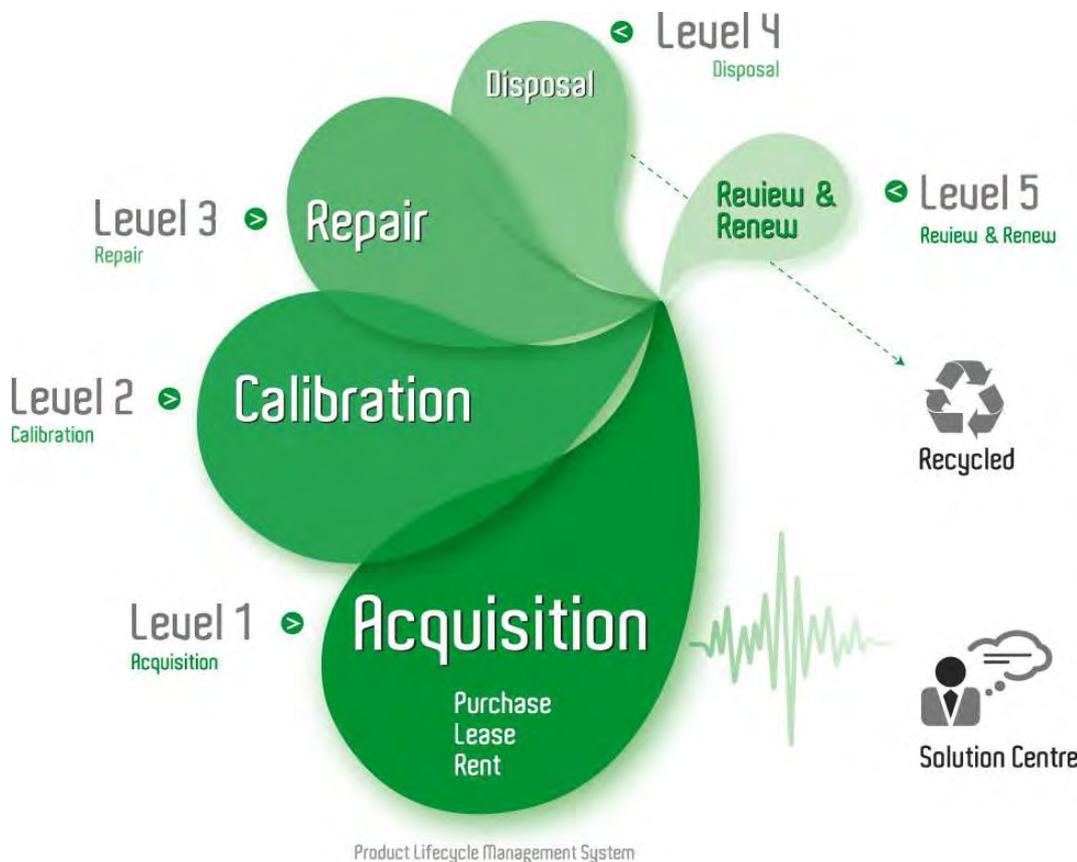
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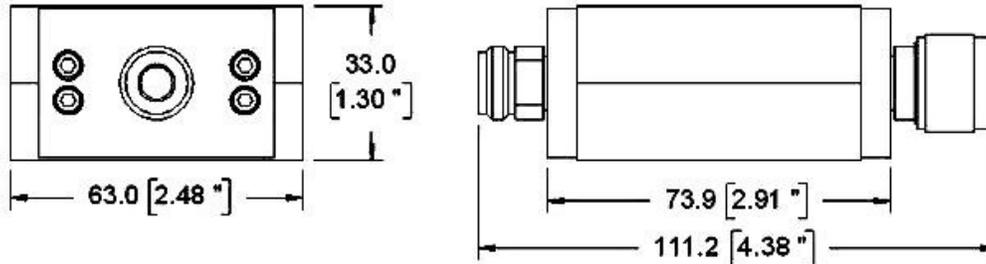


Fixed Coaxial Attenuator Low-Profile Mountable

Model WA42

DC – 2.5 GHz

150 Watts



Features

Type N, SMA, 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. Unit may be mounted in any position.

Specifications

Nominal Impedance: 50 ohms.

Frequency Range: DC - 2.5 GHz.

Nominal dB Values: 3 - 40 dB.

Power Sensitivity: < 0.0001 dB/dB/W.

Power Rating: 150W CW / 10 KW peak; Unidirectional. Peak power of 5Kw; 5 µsec pulse width; 0.5% duty cycle, with case temperature held to +100°C maximum using conductive heat sink.

Temperature Range: -55°C to +100°C.

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

Standard Nominal Values and Deviations:

Attenuation (dB)	Accuracy ± dB
3 – 40	0.5

Maximum VSWR:

Frequency (GHz)	VSWR
DC - 2.5	1.10

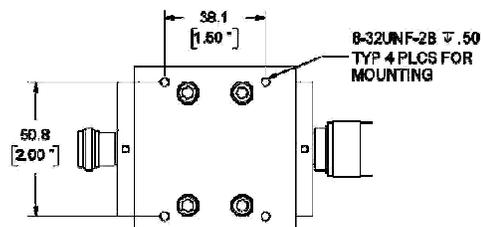
Construction: Aluminum alloy body with passivated stainless steel connectors.

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

Physical Dimensions:

Connector Type	Length	Weight kg/oz
N Type	174.24 (8.86)	.85/30
SMA	189.89 (7.47)	.79/28
DIN 7/16	265.68 (10.46)	1.02/36

Note: Dimensions are given in mm (inches) and are maximum, 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