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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.

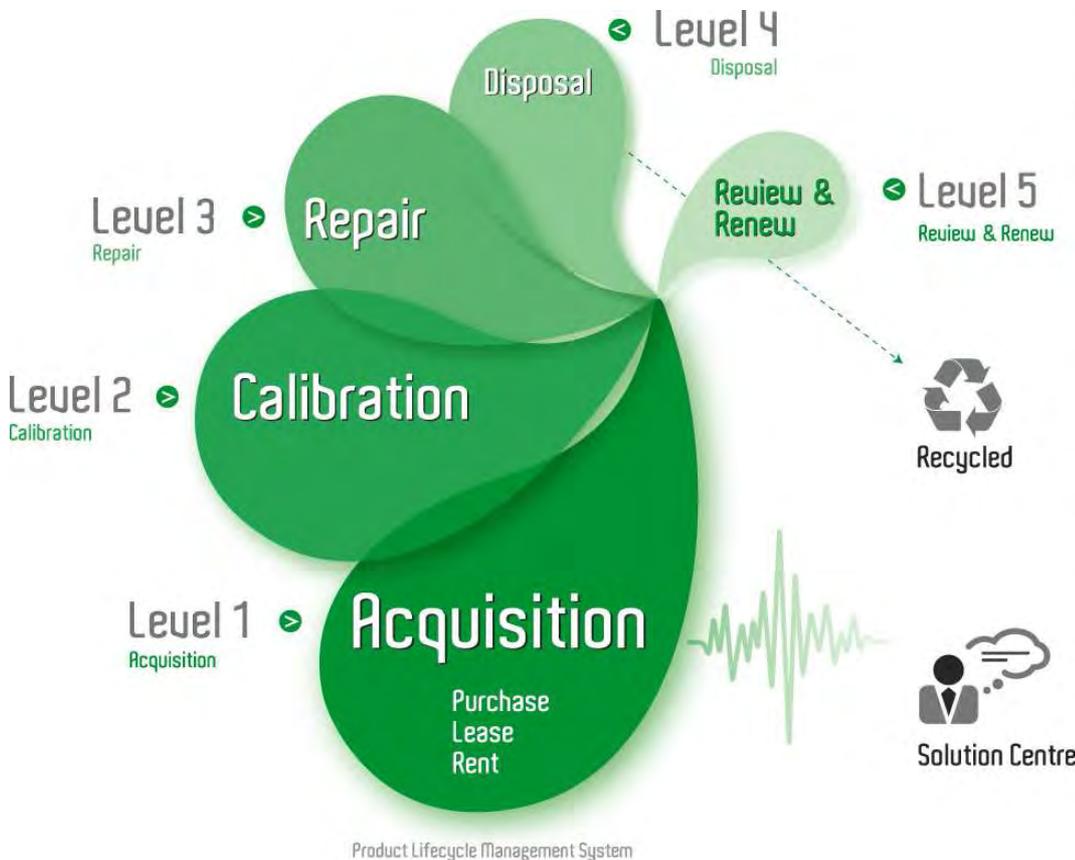
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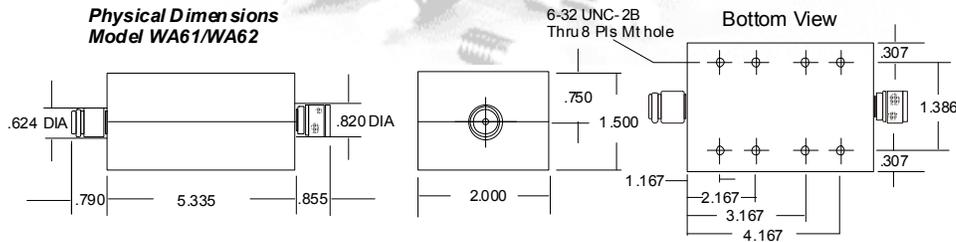


Fixed Coaxial Attenuator Model WA61 & WA62

Low-Profile Mountable

DC – 4.0 GHz WA61
DC – 8.5 GHz WA62

150 Watts
150 Watts



Features

Designed to meet MIL-DTL-3933 environmental specification. Conduction cooled.

Specifications

Nominal Impedance: 50 ohms

Frequency Range: WA61: DC - 4.0 GHz.
WA62: DC - 8.5 GHz.

Nominal dB Values: 3 - 40 dB.

Power Sensitivity: < 0.0005 dB/dB/W;
Unidirectional in power.

Power Rating: 150 watts average, 5 kilowatt peak (5 µsec pulse width; 1.5% duty cycle) with case temperature held to +100°C maximum using conductive heat sink.

Temperature Range: -55°C to +125°C.

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

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

Standard Nominal Values and Deviations:

Attenuation (dB)	Accuracy ± dB			
	DC - 4.0 GHz		4.0 - 8.5 GHz	
	WA61	WA62	WA61	WA62
3,6	0.4	0.4	0.75	0.75
10,20	0.4	0.4	0.75	0.75
30	0.4	0.4	0.75	0.75
40	0.5	0.5	1.00	1.00

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

Connectors: Type N or DIN 7/16 stainless steel M/F connectors per MIL-STD-348A, interface dimensions mate nondestructively with MIL-PRF-39012.

Maximum VSWR:

Frequency (GHz)	VSWR
DC - 4.0	1.20
4.0 - 8.5	1.35

Weight:

Type N 1.5 kg/ 3.3 lb.
DIN 7/16 1.7 kg/ 3.7 lb.

Physical Dimensions:

Length:

Connector	Length
Type N	174.24 (6.86)
DIN 7/16	226.0 (8.5)

Width: 50.8 (2.0).

Height: 38.1 (1.5).

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



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