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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.

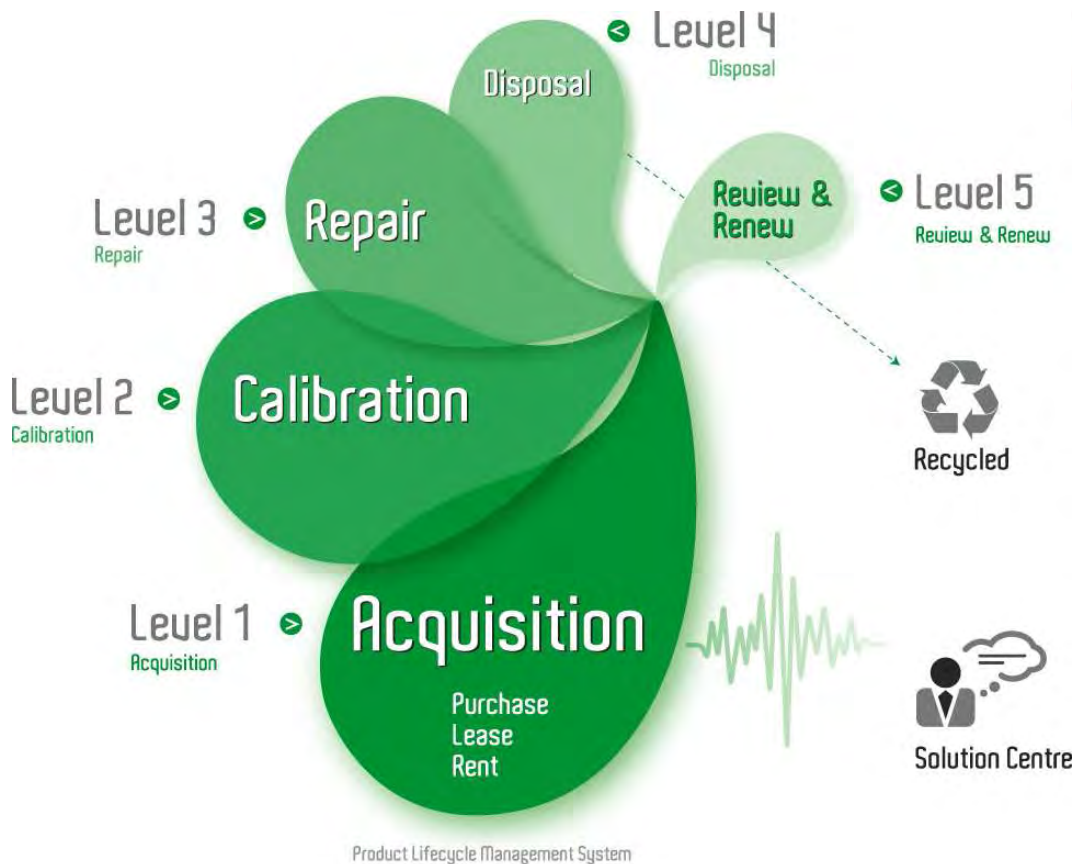
TMG will assist if you are unsure whether this model will suit your requirements.

Call TMG if you need to organise repair and/or calibrate your unit.

If you click on the "Click-to-Call" logo below, you can call us for FREE!

TMG Corporate Website

TMG Products Website



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# Fixed Coaxial Attenuator Ultra-High Power

# MODEL WA70

DC – 2.5 GHz ( Usable to 3.0 GHz )

1000 WATTS



## Features

Designed to meet environmental requirements of MIL-D-39030. Type N or DIN 7/16 connectors. Natural convection cooling (*Air flow should not be obstructed around unit*)

## Specifications

**Nominal Impedance:** 50 ohms.

**Frequency Range:** DC – 2.5 GHz.  
Usable to 3.0 GHz.

**Operating Position:** Horizontal.

**Nominal dB Value:** 20, 30, 40dB.

**Power Rating:** 1,000 watts average to 25° C ambient temperature, derated linearly to 100 watts @ 125° C (5 µsec pulse width; 0.5% duty cycle). 10 kilowatt peak. Unidirectional in power.

**Power Sensitivity:** <0.0001 dB/dB/W.

**Temperature:** -55° C to +125° C.

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

**Temperature Sensitivity:** <0.0004 dB/dB/°C.

**Connectors:** Type N stainless steel mate non-destructively with MIL-PRF-39012 connector or DIN 7/16 connector, conforms to DIN 47223, IEC 169-4, VG 95250, CECC 22190.

## Maximum VSWR:

Frequency (GHz)	VSWR
DC – 2.5	1.35

## Standard Nominal Values and Deviations:

Attenuation (dB)	Accuracy (dB)
	DC - 2.5 GHz
20, 30, 40	+ / -1.5

## Physical Dimensions:

Length	388 / (15.2) nom
Width	234 / (9.2) nom
Height	268 / (10.5) max
Weight	18.2 kg/ 40 lbs

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



## WEINSCHEL ASSOCIATES

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Specification  
Subject to change  
without notice