



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.

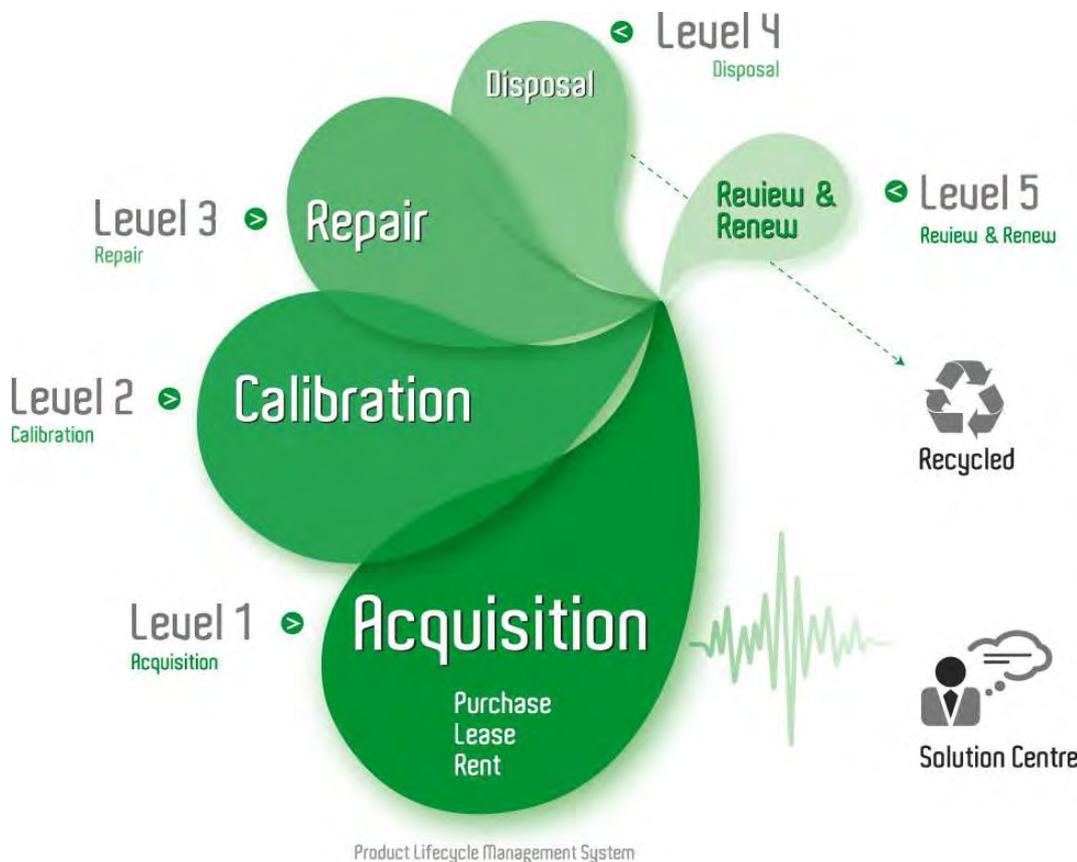
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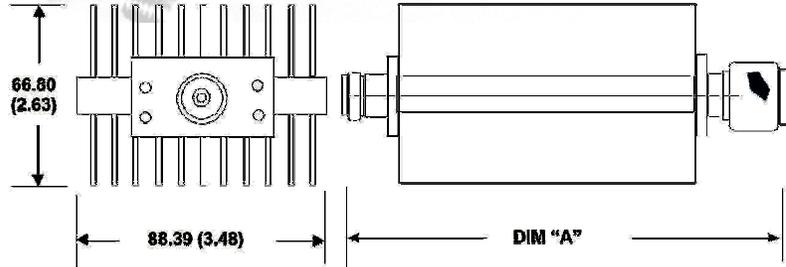


# Fixed Coaxial Attenuator High Power

# MODEL WA58

DC – 5.0 GHz

250 WATTS



## Features

Designed to meet MIL-DTL-3933 environmental specification. Unit may be mounted in any position.

Low Intermodulation Option in 10, 20, 30, and 40dB models.

## Specifications

**Nominal Impedance:** 50 ohms.

**Frequency Range:** DC - 5.0 GHz.

**Nominal dB Values:** 3 - 40 dB.

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

**Power Rating:** 250W CW / 10 KW peak; Unidirectional. Full power from -55°C to +25°C.

**Temperature Range:** -55°C to +125°C.

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

**Maximum VSWR:**

Frequency (GHz)	VSWR
DC - 2.0	1.20
2.0 - 5.0	1.25

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

**Construction:** Black aluminum alloy body with passivated stainless steel connectors.

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

Add -LIM for Low Intermodulation option after connector option.  
Example: WA58-dB-XX-LIM

## Standard Nominal Values and Deviations:

Attenuation (dB)	Accuracy ± dB DC - 5.0 GHz	
	WA58	WA58-LIM
3,6	1.50	N/A
10,20	1.50	2.00
30,40	1.75	3.00

## Physical Dimensions:

Connector Type	Dim "A"	Weight kg/lb
Type N	235.71 (9.28)	1.54 / 3.4
DIN 7/16	276.35 (10.88)	1.72 / 3.8

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](mailto:sales@WeinschelAssociates.com)

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Specification  
Subject to change  
without notice