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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.

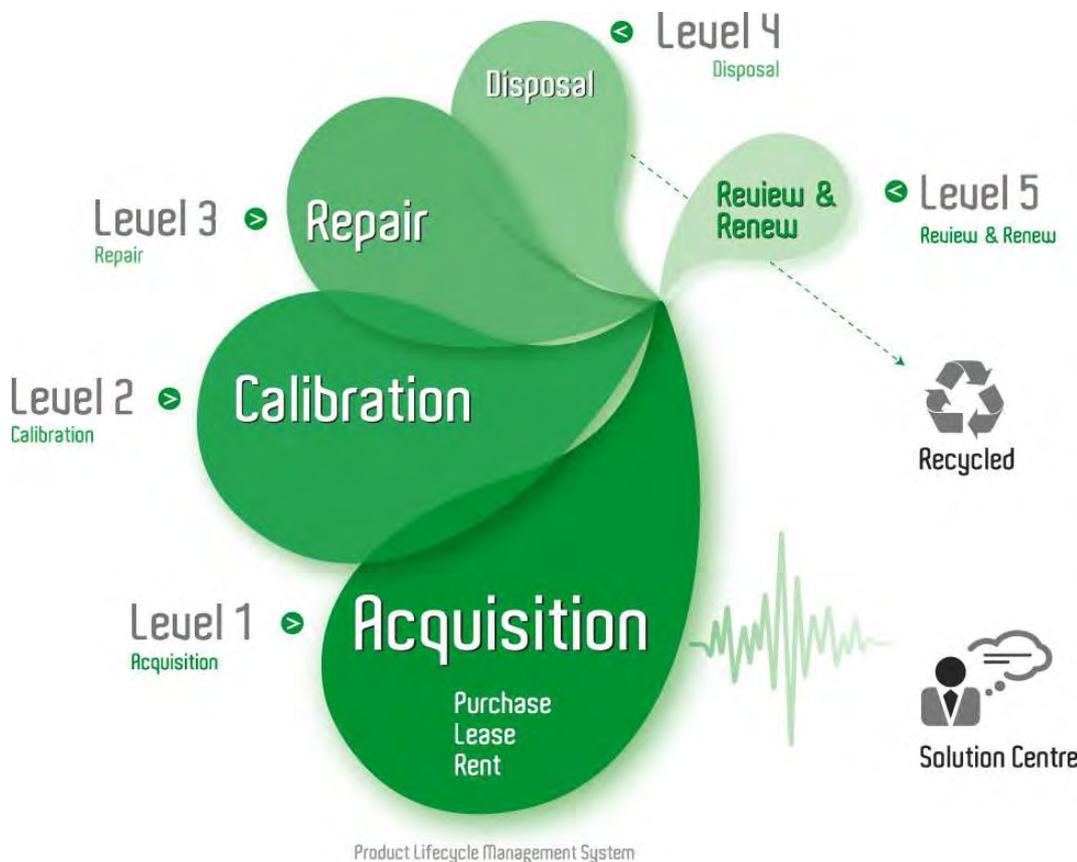
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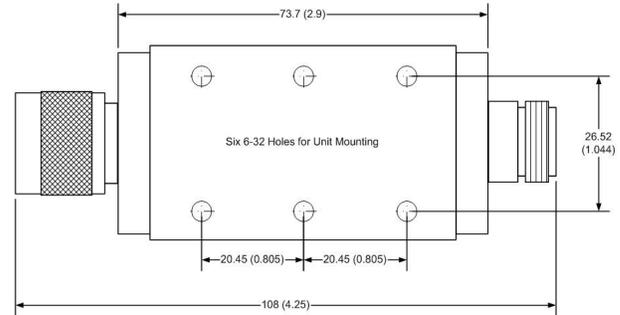
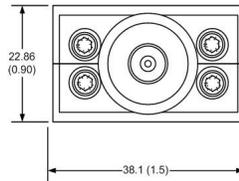


# Fixed Coaxial Attenuator Low-Profile Mountable

# MODEL WA59

DC – 2.5 GHz

100 WATT



## Features

Designed to comply with MIL-DTL-3933.

Conductive Cooling

Flat base with mounting holes

## Specifications

**Nominal Impedance:** 50 ohms.

**Frequency Range:** DC – 2.5 GHz.

**Nominal dB Value:** 3 – 40 dB.

**Connectors:** Type N or SMA stainless steel M/F connectors per MIL-STD-3448A, interface dimensions mate nondestructively with MIL-PRF-39012.

### Standard Nominal Values and Deviations:

| Attenuation (dB) | Accuracy ± dB |
|------------------|---------------|
|                  | DC - 2.5 GHz  |
| 3 - 40           | 0.70          |

### Maximum VSWR:

| Frequency (GHz) | VSWR |
|-----------------|------|
| DC - 2.5        | 1.20 |

**Power:** 100W average unidirectional, peak power of 10KW (5 µsec pulse width; 0.5% duty cycle) with case temperature held to +100°C maximum using conductive heat sink.

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

**Power Sensitivity:** < 0.0005 dB/dB/W.

**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.

**Weight:** .14 kg / 5 oz.

### Length:

| Connector Type | Length        |
|----------------|---------------|
| Type N         | 108.5 (4.25)  |
| SMA            | 120.65 (4.75) |

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



## WEINSCHEL ASSOCIATES

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53

Specification  
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