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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.

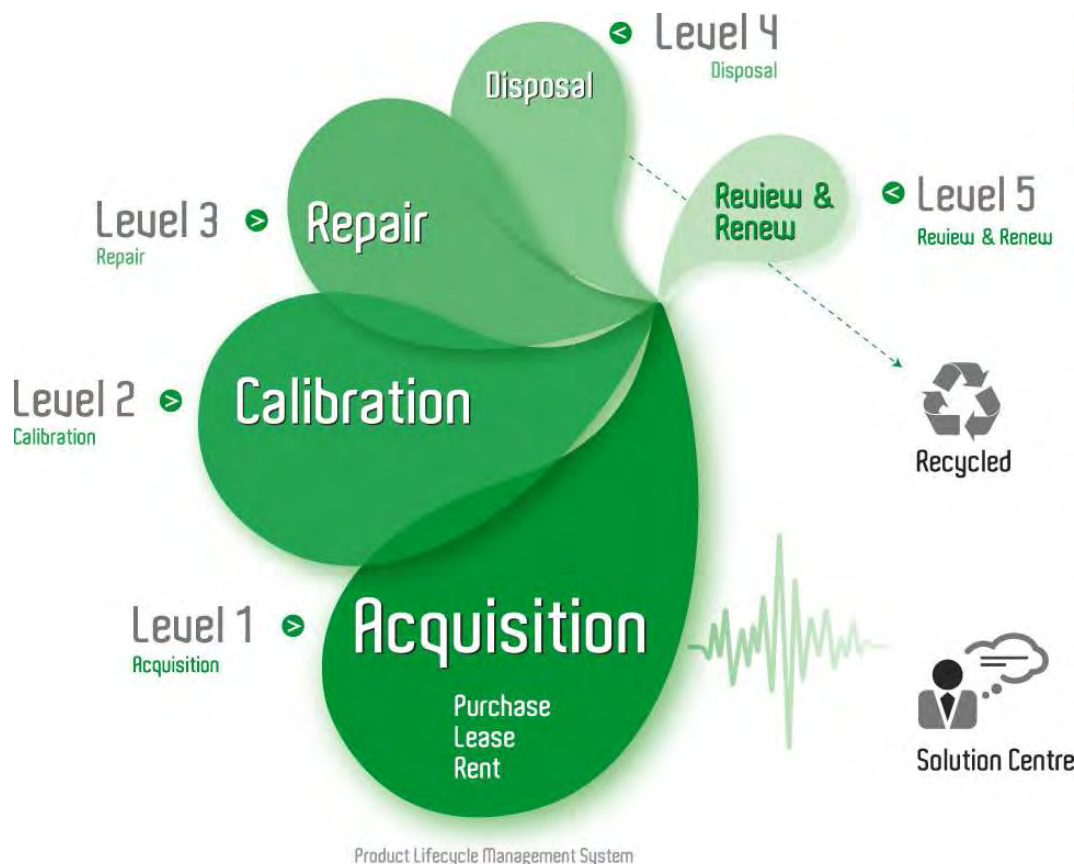
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Product Lifecycle Management System

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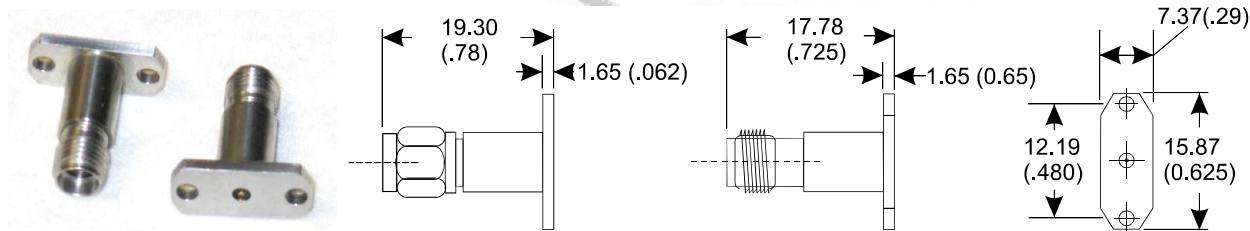


Fixed Coaxial Attenuator Flange Mount

MODEL WA12

DC – 18.0 GHz

2 WATTS



Features

2 hole flange mount.

Specifications

Nominal Impedance: 50 ohms.

Frequency Range: DC – 18.0 GHz.

Nominal dB Values: 0 – 12 dB.

Input Power: 2 watts average, 250watts peak to 25°C ambient temperature, de-rated linearly to 0.5 watts at + 125°C, (5µsec pulse width 0.5% duty cycle).

Temperature Coefficient: < 0.0004 dB/dB/°C

Temperature Range: -55°C to + 125°C.

Maximum VSWR:

| Frequency (GHz) | VSWR |
|-----------------|------|
| DC - 4.0 | 1.15 |
| 4.0 - 12.4 | 1.25 |
| 12.4 - 18.0 | 1.50 |

Standard Nominal Values and Deviations:

| Attenuation (dB) | Accuracy ± dB |
|------------------|---------------|
| 0 - 9 | 0.3 |
| 10 - 12 | 0.5 |

Connectors: SMA passivated stainless steel connectors per MIL-STD-348. Interface dimension mate nondestructively with MIL-PRF-39012 connectors.

Construction: Stainless steel body with stainless steel connectors with gold plated beryllium copper female contact and stainless steel male contact.

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

Weight: 1 oz.

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



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