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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.

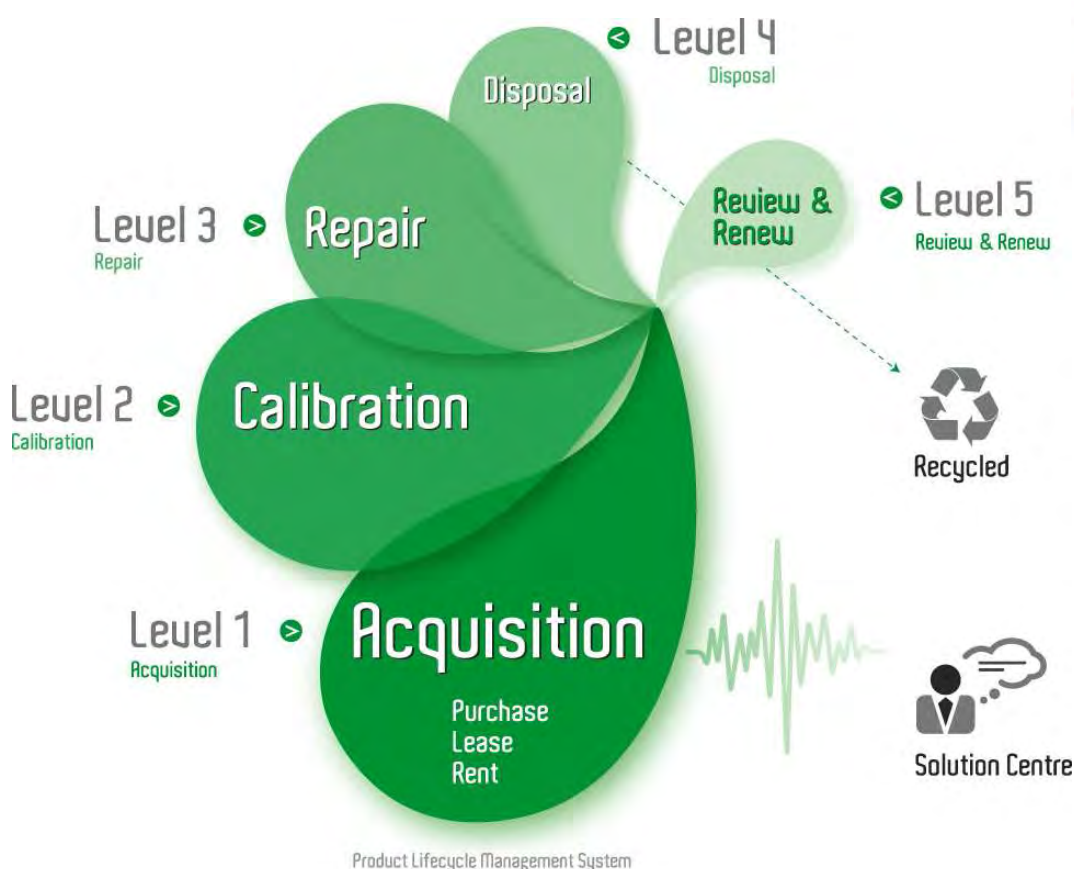
TMG will assist if you are unsure whether this model will suit your requirements.

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



Disclaimer:

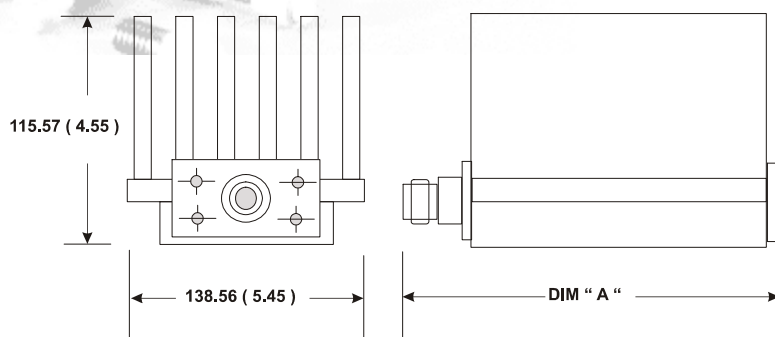
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TERMINATION

MODEL WA1451

DC – 8.5 GHz

500 WATTS



Features

Stainless Steel Type N, or 7/16 DIN connectors per MIL-STD-348A, interface dimensions mate nondestructively with MIL-PRF-39012.

Useable to 10 GHz.

Specifications

Nominal Impedance: 50 ohms

Frequency Range: DC - 8.5 GHz

Operation: Horizontal or Vertical

Power Rating: 500 watt maximum rated average power to 25°C ambient temperature, mounted horizontally, de-rated linearly to 50 watts at 125°C, 5 kilowatt peak (5 µsec pulse width; 5% duty cycle).

Maximum VSWR:

Frequency (GHz)	VSWR
DC - 4.0	1.25
4.0 – 8.5	1.35

Temperature Range: -55°C to +125°C.

Construction: Passivated stainless steel connectors with black finned aluminum body. Gold plated beryllium copper or passivated stainless steel contacts.

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

Weight:

Type N	3.64 Kg/ 8 lbs.
DIN 7/16	3.72 Kg/8.2 lbs.

Physical Dimensions:

Connector	Dimension "A"
Type N Male	281.94 (11.10)
Type N Female	273.81 (10.78)
7/16 DIN Female	291 (11.6)
7/16 DIN Male	311 (12.3)

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



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