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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.

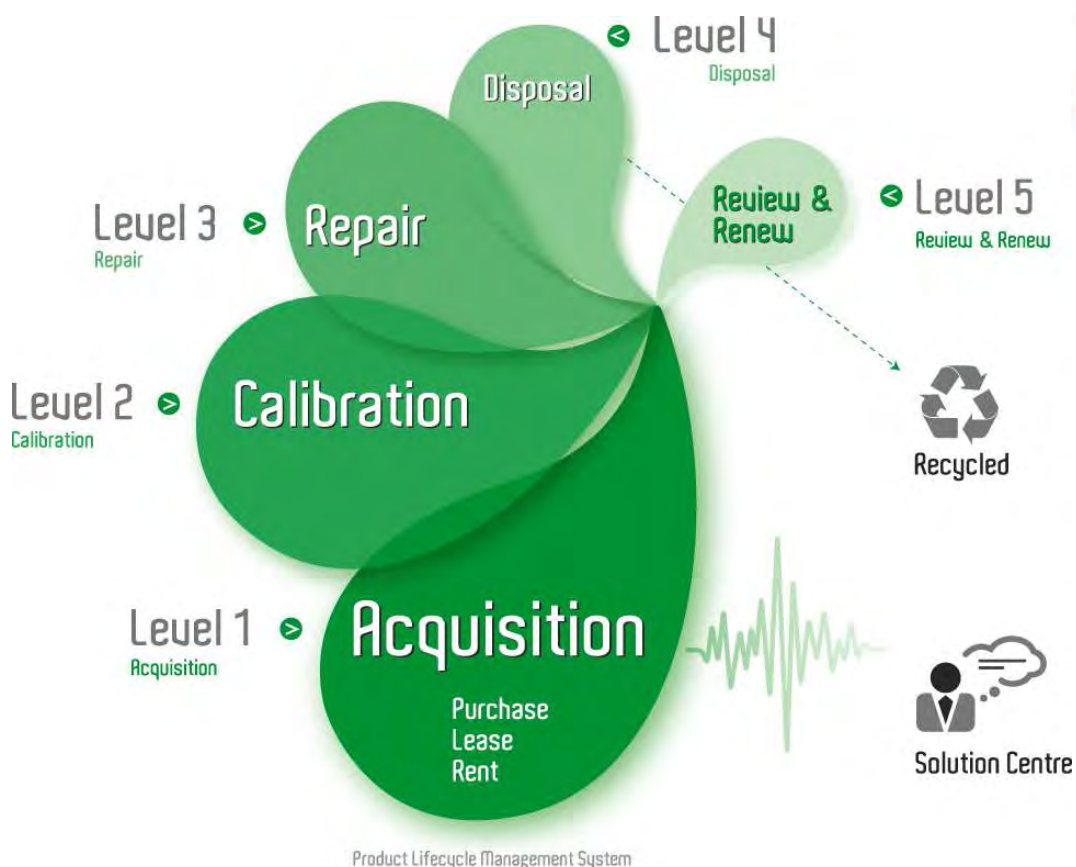
TMG will assist if you are unsure whether this model will suit your requirements.

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

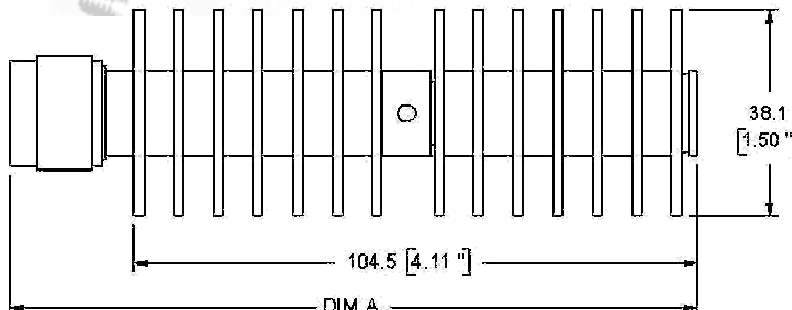


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DC –18.0 GHz

50 WATTS



### Features

Type N or SMA stainless steel M or F connectors per MIL-STD-348A, interface dimensions mate nondestructively with MIL-PRF-39012. Designed to meet MIL-A-3933 environmental specification.

### Specifications

**Nominal Impedance:** 50 ohms

**Frequency Range:** DC -18.0 GHz

**Power Rating:** 50W CW/ 1 KW peak. Maximum rated average power to 25°C ambient temperature, de-rated linearly to 10 watts at 125°C. 1 kilo-watt peak (5 µsec pulse width; 5% duty cycle).

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

**Construction:** Black finned aluminum alloy body with passivated stainless steel connector. Gold plated beryllium copper female contact.

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

### Maximum VSWR:

Frequency (GHz)	VSWR
DC – 8.0	1.20
8.0 – 12.4	1.25
12.4 – 18.0	1.35

### Weight: (Max)

Type N	0.18 kg/ 6 oz
SMA	0.12 kg/ 4 oz

### Physical Dimensions:

#### Length:

Connector	Dimension A
Type N male	128.3 (5.05)
Type N female	121.9 (4.80)
SMA male	118.1 (4.65)
SMA female	116.9 (4.60)

**Diameter:** 38.1 (1.50)

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



## WEINSCHEL ASSOCIATES

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