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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:

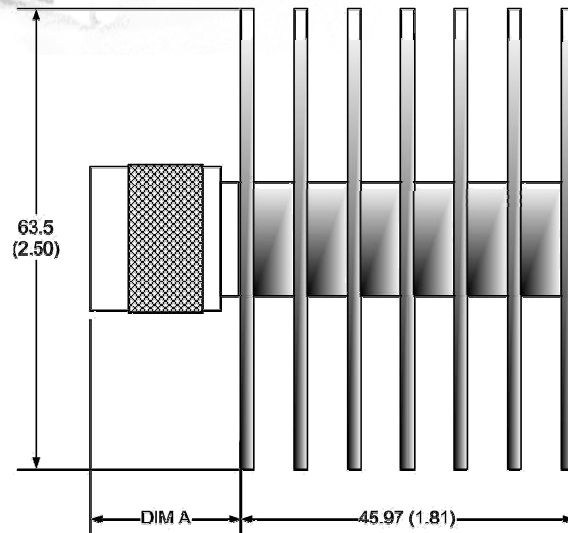
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TERMINATION High Power-High Frequency

MODEL WA1490

DC – 18.0 GHz

50 WATTS



Features

Designed to meet MIL-A-39030 environmental specifications.

Specifications

Nominal Impedance: 50 ohms

Frequency Range: DC -18.0 GHz

Power Rating: 50W CW/ 1 KW peak to 25°C ambient temperature, de-rated linearly to 10 watts at 125°C, 1 kilowatt peak (5 µsec pulse width; 2.5% duty cycle).

Temperature Range: -55°C to +125°C

Construction: Black finned aluminum alloy body with passivated stainless steel connectors. Gold plated beryllium copper contacts.

Maximum VSWR:

Frequency (GHz)	VSWR
DC – 8.0	1.15
8.0 – 12.4	1.20
12.4 – 18.0	1.30

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

* Note: TNC connector available upon request.

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

Weight:

Type N	1.18 kg/ 4.1 oz.
SMA	1.25 kg/ 4.3 oz.

Physical Dimensions:

Length:

Connector	Dimension A
Type N (-3, -4)	24.1 (0.95)
SMA (-1, -2)	30.1 (1.23)

Diameter: 63.50 (2.50)

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



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Specification
Subject to change
without notice