



ABN 43 064 478 842

➤ 231 osborne avenue clayton south, vic 3169
PO box 1548, clayton south, vic 3169
t 03 9265 7400 f 03 9558 0875
freecall 1800 680 680
www.tmgtestequipment.com.au

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:

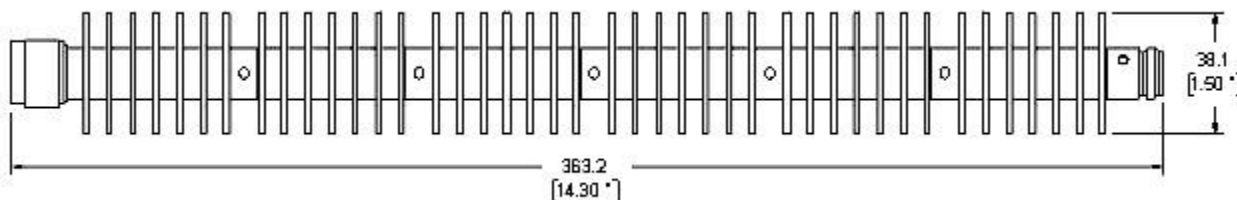
All trademarks appearing within this PDF are trademarks of their respective owners.

Fixed Coaxial Attenuator High Power - High Frequency

MODEL WA66

DC – 18 GHz

150 WATTS



Features

Designed to meet the environmental requirements of MIL-DTL-3933.

Specifications

Nominal Impedance: 50 ohms.

Frequency Range: DC – 18 GHz.

Nominal dB Values: 10 - 40 dB.

Power Sensitivity: < 0.00015 dB/dB/W;
Unidirectional in power.

Power Rating: 150 watts average. Maximum rated average power to 25°C ambient temperature, derated linearly to 10 watts at 125°C. 1 kilowatt peak (5 µsec pulse width; 5% duty cycle).

Standard Nominal Values and Deviations:

Attenuation (dB)	Accuracy ± dB
	DC – 18.0 GHz
10	2.00
20, 30, 40	1.50

Temperature Range: -55°C to +125°C.

Temperature Coefficient: < 0.0004 dB/dB/°C.

Connectors: Type N female/male connectors per MIL-STD-348 interface dimension, mate non-destructively with MIL-PRF-39012 connectors.

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

Construction: Black aluminum alloy body with stainless steel connectors; gold plated beryllium copper female contact and stainless steel male contacts.

Maximum VSWR:

Frequency (GHz)	VSWR 10 dB	VSWR 20,30,40 dB
DC – 18.0	1.90	1.50

Length:

Connector	Dimension A
Type N	363.5 (14.3)

Weight: 510 g/ 18 oz.

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



WEINSCHEL ASSOCIATES

TEL: 877.948.8342 / 301.963.4630 ♦ Fax: 301.963.8640

WEB: <http://www.WeinschelAssociates.com>

EMAIL: sales@WeinschelAssociates.com

57

Specification
Subject to change
without notice