



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:

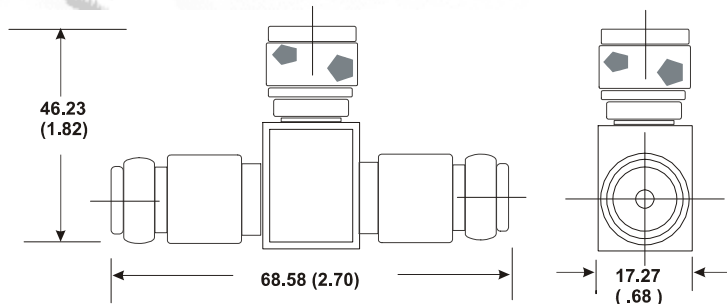
All trademarks appearing within this PDF are trademarks of their respective owners.

Broadband Resistive Power Divider

MODEL WA1506A

DC-18.0 GHz

1 Watt



Features

- Accurate Division and Low Frequency Sensitivity- The symmetry of output power between the two arms is excellent across the frequency range.
- High Stability- Low temperature and power coefficients ensure attenuator stability
- Calibration Data – Each divider is calibrated at four frequencies. Calibration data provided at additional cost.
- Matched Ports- Symmetrical 6 dB division permits any port to be used as input.

Specifications

Nominal Impedance: 50Ω

Frequency Range: DC to 18.0 GHz

AMPLITUDE & PHASE TRACKING (MAX.)	
Frequency (GHz)	Tracking
DC – 4.0	0.2 dB
4.0 – 10.0	0.4 dB
10.0 - 18.0	0.5 dB

MAXIMUM VSWR	
Frequency (GHz)	VSWR
DC – 10.0	1.25
10.0 - 18.0	1.35

Insertion Loss: (Between input & either output arm): 6 dB nominal, -0.2, +1.2 dB maximum to 10.0 GHz; +1.5 dB maximum to 18 GHz.

Maximum Input Power: 1.0 watt CW, 1 kilowatt peak (5μsec pulse width, 0.05 duty cycle)

Phase Tracking: ±2° nominal between output ports (with male connector as input and female connectors as outputs)

Number of Ports: 3 interchangeable for input and output

Power Coefficient: <0.005 dB/dB/W

Temperature Coefficient: <0.005 dB/dB/°C

Temperature Range: -55°C TO +125 °C

Construction: Nickel plated brass body; stainless steel connectors; gold plated beryllium copper contacts.

Connectors: Type N connectors per MIL-STD-348 interface nondestructively with MIL-PRF-39012 connectors.

Weight: .14kg (5 oz) maximum

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



WEINSCHTEL ASSOCIATES

TEL: 877.948.8342 / 301.963.4630 ♦ Fax: 301.963.8640

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

EMAIL: sales@WeinschelAssociates.com

123

Specification
Subject to change
without notice