



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](http://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



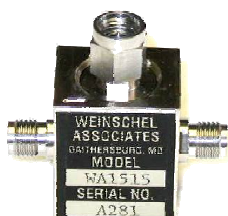
### Disclaimer:

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

# Broadband Resistive Power Divider MODEL WA1515

DC – 18.0 GHz

1 WATT



## Features

**Lightweight Miniature package:** High power capability

**Close Tracking:** Division is 6dB from matched ports

## Specifications

**NOMINAL IMPEDANCE:** 50Ω

**FREQUENCY RANGE:** DC - 18.0 GHz

**INSERTION LOSS:** 6 dB nominal, -0.2 dB, +1.2 to 10.0 GHz, 1.5 to 18.0 GHz

**MAXIMUM INPUT POWER:** 1.0 watt CW, 1kw peak (5 μsec pulse width, 0.05 % duty cycle)

**PHASE TRACKING:** ±2° nominal between male input and female outputs.

**TEMPERATURE RANGE:** -55°C to +125 °C

**TEMPERATURE COEFFICIENT:** < 0.004 dB/dB/°C

**POWER COEFFICIENT:** < 0.005 dB/dB/watt

**CONSTRUCTION:** Nickel plated brass body; stainless steel connectors.

## 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

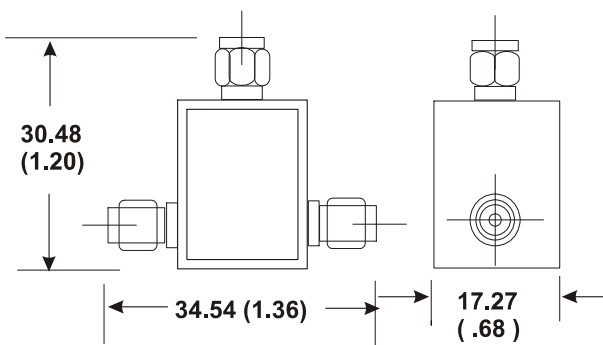
## MAXIMUM VSWR

Frequency (GHz)	Output	Input
DC – 10.0	1.25	1.25
10.0 – 18.0	1.35	1.35

**CONNECTORS:** Male SMA port 1, (2) Female SMA ports 2 and 3; all ports-mate nondestructively with other SMA, 2.92mm and 3.5mm connectors. Optional female SMA connectors are available on all ports. Reference P/N WA1515-1.

**WEIGHT:** 30 g ( 1 oz ) maximum

## PHYSICAL DIMENSIONS:



**WEINSCHTEL ASSOCIATES**

TEL: 877.948.8342 / 301.963.4630 ♦ Fax: 301.963.8640

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

EMAIL: [sales@WeinschelAssociates.com](mailto:sales@WeinschelAssociates.com)

124

Specification  
Subject to change  
without notice