



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.

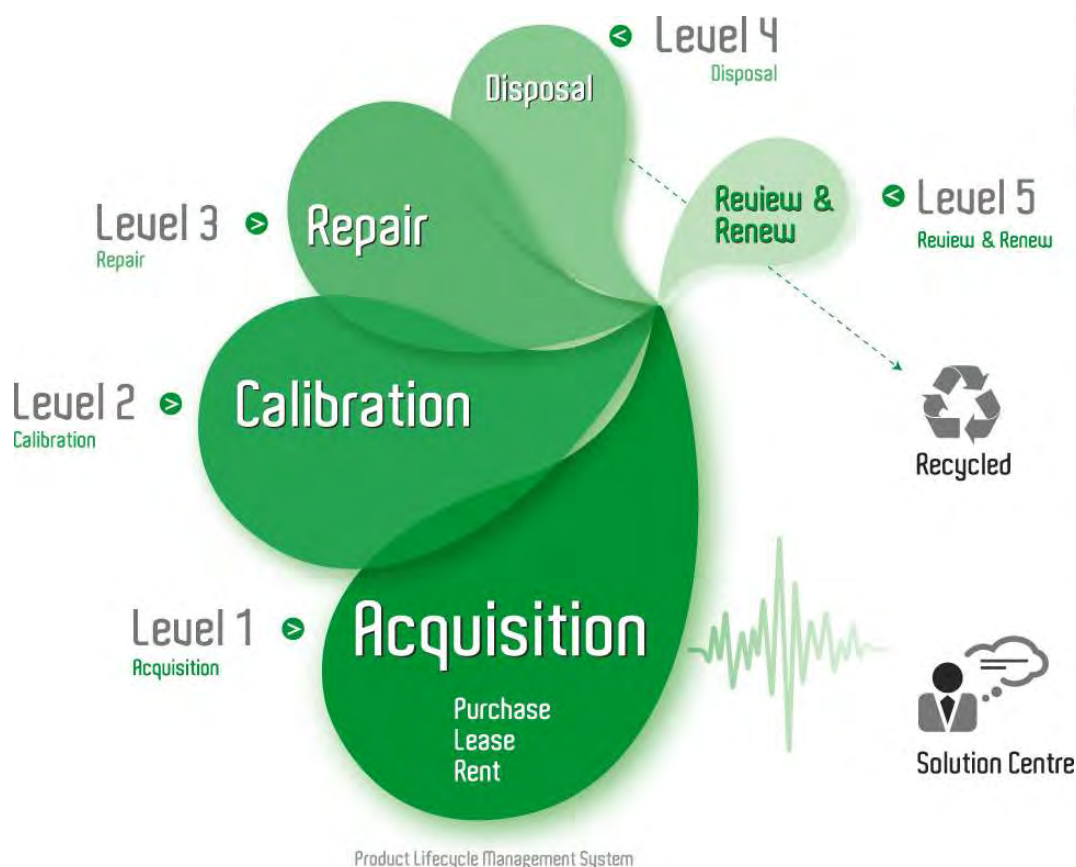
TMG will assist if you are unsure whether this model will suit your requirements.

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:

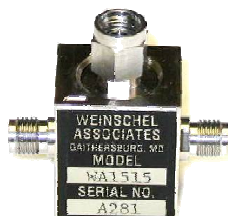
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# Broadband Resistive Power Divider

## MODEL WA1575

DC – 40.0 GHz

1 WATT



### AMPLITUDE & PHASE TRACKING (MAX.)

Frequency (GHz)	Tracking	
	Amplitude	Phase
DC – 40.0	< 0.25	< 2 °

### Features

**Lightweight Miniature package:** High power capability. These resistive power dividers are intended for RF and wireless applications in which the signal must be divided or combined.

### Specifications

**NOMINAL IMPEDANCE:** 50Ω

**FREQUENCY RANGE:** DC - 40.0 GHz

**INSERTION LOSS:** 6 dB nominal, 10.5 dB maximum (between input and either output).

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

**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.

MAXIMUM VSWR	
Frequency (GHz)	VSWR
DC – 40.0	1.70

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

**WEIGHT:** 25 g ( 0.9 oz ) maximum

### PHYSICAL DIMENSIONS:

**Body Width:** 10.2 (0.40)

**Body Height:** 15.2 (0.60) Square

NOTE: All dimensions are given in mm (inches) and 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](mailto:sales@WeinschelAssociates.com)

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Specification  
Subject to change  
without notice