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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

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Broadband Resistive Power Divider MODEL WA1549R

DC – 4.0 GHz

1 WATT

Features

These resistive power dividers are intended for RF and wireless applications in which one of the outputs is included in a leveling loop or is used as a reference in a ratio system, for the purpose of providing an output signal whose source impedance is essentially matched to 50Ω. Some examples are:

- ▶ A dual channel insertion loss measuring system (ratio).
- ▶ A parallel IF substitution insertion loss measuring system (ratio or ALC loop).
- ▶ A precision power source (ratio or ALC loop)

Specifications

NOMINAL IMPEDANCE: 50Ω

FREQUENCY RANGE: DC - 4.0 GHz

INSERTION LOSS: 6 dB nominal, 6.5 dB maximum (Between input and either output)

MAXIMUM INPUT POWER: 1.0 watt CW (Input connector only)

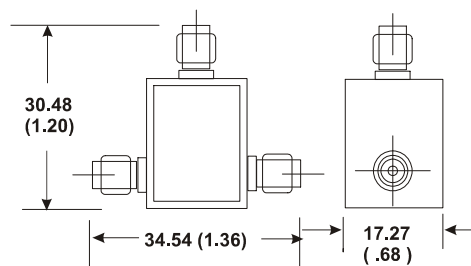
AMPLITUDE & PHASE TRACKING (MAX.)		
Frequency (GHz)	Tracking	
	Amplitude	Phase
DC – 4.0	< 0.15	< 4°

TEMPERATURE RANGE: -55°C to +125 °C

CONNECTORS: Female SMA connectors all ports-mate nondestructively with other SMA, 2.92mm and 3.5mm connectors. Optional male SMA connectors are available.

WEIGHT: 25 g (0.9 oz) maximum

PHYSICAL DIMENSIONS:



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

MAXIMUM VSWR:

Frequency (GHz)	Output	Input
DC – 4.0	1.25	1.25



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Specification
Subject to change
without notice