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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

TMG Products Website



Disclaimer:

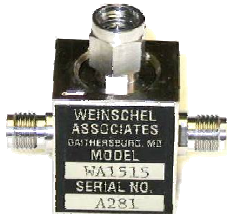
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Broadband Resistive Power Splitter

MODEL WA1507R

DC – 4.0 GHz

1 WATT



Features

Lightweight Miniature package: High power capability. These resistive power splitters 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 radio system, for the purpose of providing an output signal whose source impedance is essentially matched to 50 ohms.

Specifications

NOMINAL IMPEDANCE: 50Ω

FREQUENCY RANGE: DC - 4.0.0 GHz

INSERTION LOSS: 6 dB nominal, 6.5 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.

AMPLITUDE & PHASE TRACKING (MAX.)

Frequency (GHz)	Tracking	
	Amplitude	Phase
DC – 4.0	< 0.15	< 4 °

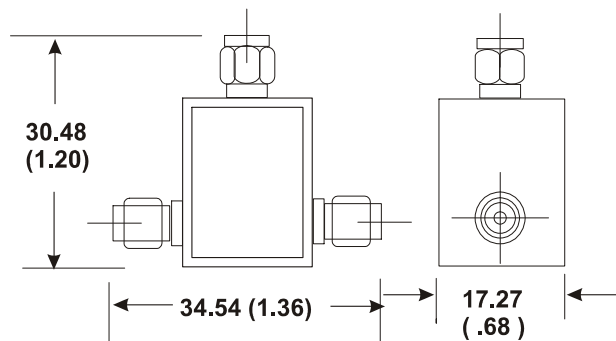
MAXIMUM VSWR

Frequency (GHz)	Output	Input
DC – 4.0	1.15	1.20

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:



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



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Specification
Subject to change
without notice