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Test & Measurement

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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.

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Product Lifecycle Management System

Disclaimer:

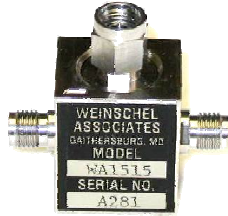
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Broadband Resistive Power Splitter (Matching) MODEL WA1593

DC – 26.5 GHz

1 WATT



AMPLITUDE & PHASE TRACKING (MAX.)		
Frequency (GHz)	Tracking	
	Amplitude	Phase
DC – 26.5	< 0.25	< 4 °

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 - 26.5 GHz

INSERTION LOSS: 6 dB nominal, 8.5 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)	Output	Input
DC – 26.5	1.35	1.25

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



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Specification
Subject to change
without notice