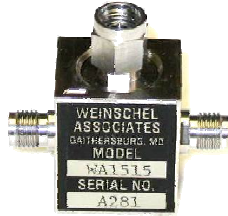


Broadband Resistive Power Splitter (Matching) MODEL WA1593

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.



WEINSCHEL ASSOCIATES

TEL: 877.948.8342 / 301.963.4630 ♦ Fax: 301.963.8640

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

EMAIL: sales@WeinschelAssociates.com

131

Specification
Subject to change
without notice