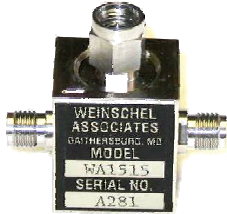


Broadband Resistive Power Divider MODEL WA1515

DC – 18.0 GHz

1 WATT



Features

Lightweight Miniature package: High power capability

Close Tracking: Division is 6dB from matched ports

Specifications

NOMINAL IMPEDANCE: 50Ω

FREQUENCY RANGE: DC - 18.0 GHz

INSERTION LOSS: 6 dB nominal, -0.2 dB, +1.2 to 10.0 GHz, 1.5 to 18.0 GHz

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

PHASE TRACKING: ±2° nominal between male input and female outputs.

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
DC – 4.0	0.2 dB
4.0 – 10.0	0.4 dB
10.0 – 18.0	0.5 dB

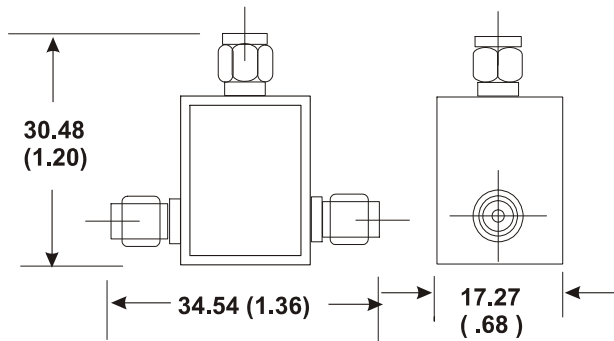
MAXIMUM VSWR

Frequency (GHz)	Output	Input
DC – 10.0	1.25	1.25
10.0 – 18.0	1.35	1.35

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:



WEINSCHTEL ASSOCIATES

TEL: 877.948.8342 / 301.963.4630 ♦ Fax: 301.963.8640

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

EMAIL: sales@WeinschelAssociates.com

124

Specification
Subject to change
without notice