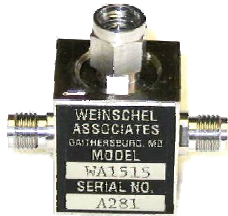


# Broadband Resistive Power Splitter MODEL WA1507R

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.

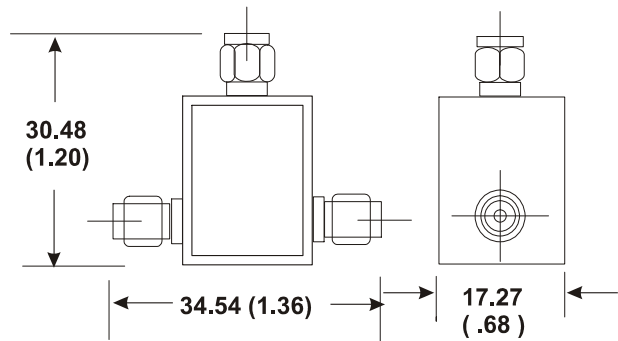
AMPLITUDE & PHASE TRACKING (MAX.)		
Frequency (GHz)	Tracking	
	Amplitude	Phase
DC – 4.0	< 0.15	< 4 °

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