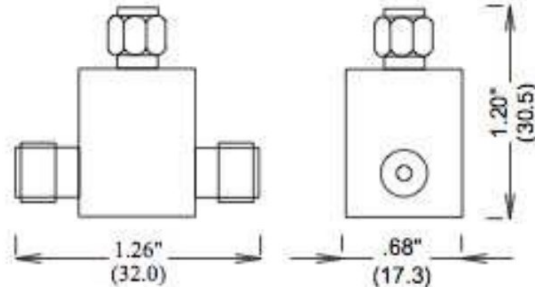


# Broadband Resistive Power Splitter

# WA1507R

DC - 4.0 GHz

1 WATT



## Features

Male SMA port 1, female SMA ports 2 and 3. All ports-mate nondestructively with other SMA, 2.92mm and 3.5mm connectors. Designed to meet MIL-DTL-3933 environmental specification.

Unit may be mounted in any position.

## Specifications

**Nominal Impedance:** 50 ohms.

**Frequency Range:** DC - 4.0 GHz

**Power Sensitivity:** < 0.005 dB/dB/W;  
Unidirectional in power.

**Power Rating:** 1 W average to 25°C ambient temperature, de-rated linearly to 0.1 W at 125°C. 1 kW peak (5 µsec pulse width, 0.05% duty cycle), Input connector only.

**Temperature Range:** -55°C to +125°C.

**Temperature Coefficient:** < 0.0004 dB/dB/°C.

**Construction:** Nickel plated brass body; stainless steel connectors. Gold plated beryllium copper contacts. RoHS Compliant

**Phase Tracking:** < 4°

**Insertion Loss:** 6 dB (nominal), 6.5 dB (maximum).

**Amplitude Tracking:** < 0.15 dB

**Maximum VSWR:**

Frequency (GHz)	Output VSWR	Input VSWR
DC - 4.0	1.15	1.2

**Dimensions:**

Weight:	0.05 (1.76)
Length:	34.54 (1.36)
Width:	17.27 (0.68)
Height:	30.48 (1.2)

*Note: Dimensions are given in mm (in), or g (oz). Weight figure is nominal, with our standard connector configuration. Additional connector options may be available.*