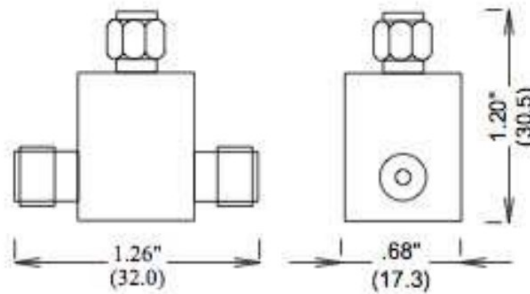


# Broadband Resistive Power Divider

# WA1515

DC - 18.0 GHz

1 WATT



## Features

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

Unit may be mounted in any position.

## Specifications

**Nominal Impedance:** 50 ohms.

**Frequency Range:** DC - 18.0 GHz

**Power Coefficient:** < 0.005 dB/dB/W

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

**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 Shift:** ±2° nominal between output ports, ±5° maximum.

**Insertion Loss:** 6 dB nominal, -0.2, +1.2 dB maximum to 10.0 GHz; +1.5 dB maximum to 18 GHz.

## Maximum Amplitude Tracking

Frequency Range (GHz)	Tracking (dB)
	WA1515
DC - 4.0	0.2
4.0 - 10.0	0.4
10.0 - 18.0	0.5

## Maximum VSWR:

Frequency (GHz)	VSWR
	WA1515
DC - 10.0	1.25
10.0 - 18.0	1.35

## 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.*