

# Broadband Resistive Power Splitter WA1593-2

DC - 26.5 GHz

1 WATT



## Features

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

Unit may be mounted in any position.

## Specifications

**Nominal Impedance:** 50 ohms.

**Frequency Range:** DC - 26.5 GHz

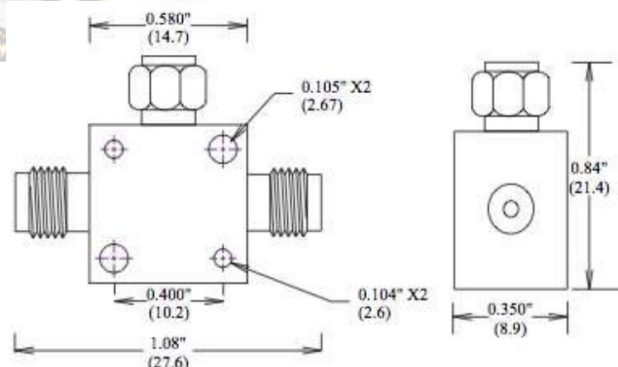
**Power Sensitivity:** < 0.005 dB/dB/W;  
Unidirectional in power.

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

**Temperature Range:** -55°C to +85°C.

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

**Construction:** Nickel plated brass body, stainless steel connectors, gold plated beryllium copper contacts, and through-holes provided for mounting. RoHS Compliant.



**Phase Tracking:** < 4°

**Insertion Loss:** 6 dB (nominal), 8.5 dB (maximum).

**Amplitude Tracking:** < 0.25 dB

**Maximum VSWR:**

Frequency (GHz)	Output VSWR	Input VSWR
DC - 26.5	1.35	1.4

**Dimensions:**

Weight:	0.01 (6.0)
Length:	29.00 (1.14)
Width:	9.00 (0.35)
Height:	22.00 (0.87)

*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.*