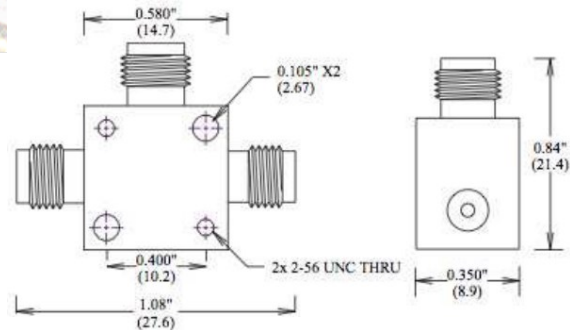


# Broadband Resistive Power Divider

# WA1575

DC - 40.0 GHz

1 WATT



## Features

Female precision 2.92mm port 1, 2, and 3; all ports mate non-destructively with other SMA, 2.92mm and 3.5mm connectors. Designed to meet MIL-DTL-3933 environmental specification. Unit may be mounted in any position.

Lightweight miniature package with high power capability.

## Specifications

**Nominal Impedance:** 50 ohms.

**Frequency Range:** DC - 40.0 GHz

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

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

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

**Temperature Coefficient:** < 0.004 dB/dB/°C.

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

**Phase :** < 2° (DC to 19 GHz), <5° (19 to 40 GHz)

**Insertion Loss:** 6 dB nominal, 8.5 dB maximum (between input and either output).

## Maximum Amplitude Tracking:

Frequency Range (GHz)	Tracking (dB)
	WA1574
DC - 19	< 0.25
19 - 40	< 0.5

## Maximum VSWR:

Frequency (GHz)	VSWR
	WA1575
DC - 40.0	1.7

## Dimensions:

Weight:	0.01 (1.76)
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.*