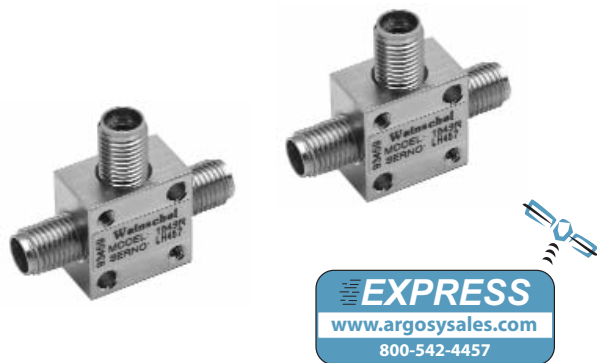


## Model 1549R Broadband Resistive Power Divider

dc to 4.0 GHz  
1 Watt

Low Cost, 2.92mm Connectors



### MAXIMUM SWR:

Frequency (GHz)	Output	Input
dc - 4	1.25	1.25

**TEMPERATURE RANGE:** -55 °C to +125 °C

**CONNECTORS:** Female 2.92mm connectors all ports--mate nondestructively with other 2.92mm, SMA and 3.5mm connectors.

**WEIGHT:** 25 g (0.9 oz) maximum

**PHYSICAL DIMENSIONS:**

### Features

- /// Excellent Tracking Between Ports.
- /// Miniature Size and Light Weight.
- /// Wireless Applications - Ideal for use in the wireless communications bands.

### Specifications

**NOMINAL IMPEDANCE:** 50 Ω

**FREQUENCY RANGE:** dc to 4.0 GHz

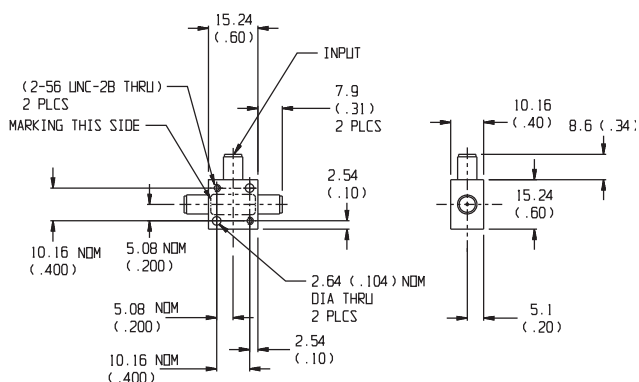
**INSERTION LOSS:** 6 dB nominal, 6.5 dB maximum  
(Between input and either output)

**MAXIMUM INPUT POWER:** 1.0 watt CW ( input connector only)

**NUMBER OF PORTS:** 3, Interchangeable for Input and Output.

### AMPLITUDE & PHASE TRACKING (Maximum):

Frequency (GHz)	Tracking	
	Amplitude	Phase
dc - 4.0	<0.2 dB	<4°



NOTE: All dimensions are given in mm (inches) and are maximum, unless otherwise specified.