

## Power Divider

**PDM-01806-S2**

**2 Way, 1.8-6 GHz, SMA, 30 Watts**



Rev 1

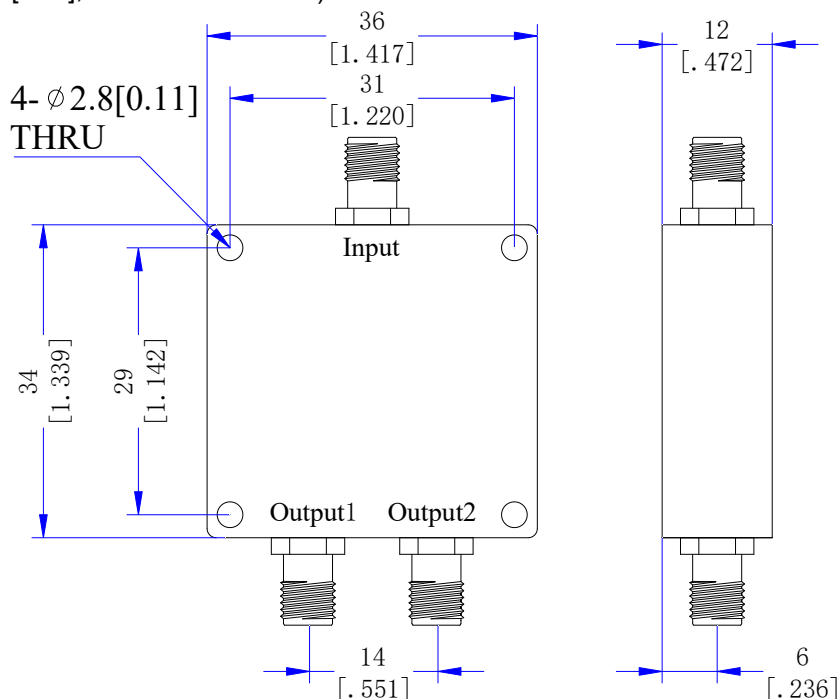
### Electrical & Environmental

Impedance	50 ohm
Number of Output Ports	2 Way
Frequency Range	1.8-6 GHz
Insertion Loss	$\leq 0.6\text{dB}$ (Excluding theoretical loss 3.0dB)
Input VSWR	1.25 max
Output VSWR	1.2 max
Isolation	20dB min
Amplitude Balance	$\leq \pm 0.2\text{dB}$
Phase Balance	$\leq \pm 2^\circ$
Average Power Rating	30 Watts (As Divider), 2 Watts (As Combiner)
Operating Temperature	$-35^\circ\text{C} \sim +75^\circ\text{C}$

### Mechanical

Input/Output Connectors	SMA Female
Housing Finishing	Sandblasting Aluminum with conductive oxidation
Outline Dimensions	34*36*12 (mm)
Weight	About 35g

**Dimensions**(Unit: mm/[inch], Tolerance:  $\pm 0.3\text{mm}$ )





## Typical Test Data

