# Power Divider

**PDM-50500-S2**

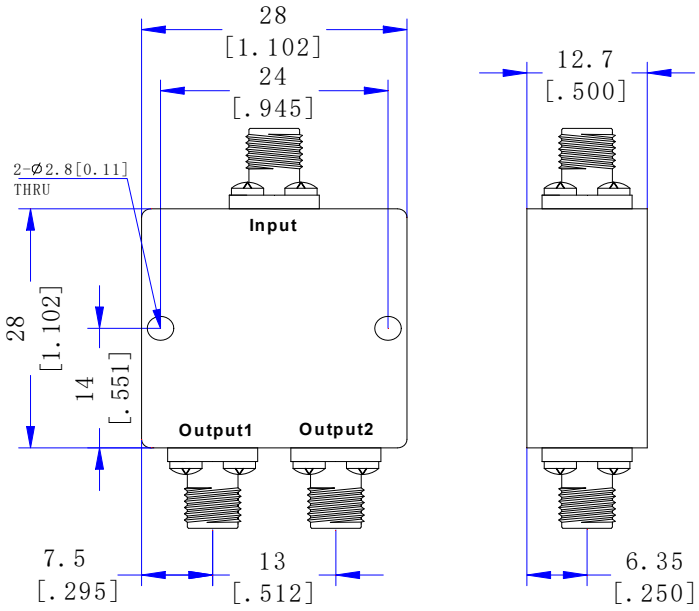
## 2 Way, 50-500 MHz, SMA, 1 Watts

Rev 1

## Electrical & Environmental

| | |
|---|---|
| Impedance | 50 ohm |
| Number of Output Ports | 2 Way |
| Frequency Range | 50-500 MHz |
| Insertion Loss | ≤ 0.8dB (Excluding theoretical loss 3.0dB) |
| Input VSWR | 1.25 max |
| Output VSWR | 1.25 max |
| Isolation | 20dB min |
| Amplitude Balance | ≤ ±0.3dB |
| Phase Balance | ≤ ±3° |
| Average Power Rating | 1 Watts (As Divider), 0.5 Watts (As Combiner) |
| Operating Temperature | -35℃ ~ +75℃ |

## Mechanical

| | |
|---|---|
| Input/Output Connectors | SMA Female |
| Housing Finishing | Sandblasting Aluminum with conductive oxidation |
| Outline Dimensions | 28*28*12.7 (mm) |
| Weight | Approx 45g |

## Dimensions(Unit: mm/[inch], Tolerance: ±0.3mm)