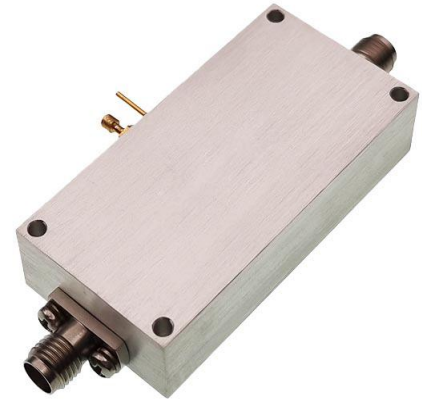


## SPECIFICATIONS

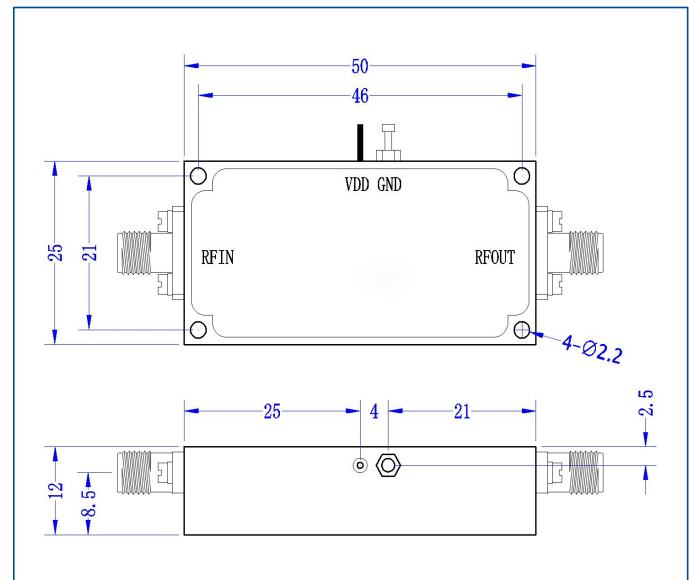
|                     |                |
|---------------------|----------------|
| Frequency Range:    | 0.009~3000 MHz |
| Gain                | 15dB min.      |
| Gain Flatness       | ±4 max.        |
| Noise Figure        | 3.0 max.       |
| VSWR                | 2.0 max.       |
| Output Power(P-1dB) | 10dBm min.     |
| Impedance           | 50Ω            |
| Supply Voltage      | +12V           |
| Supply Current      | 300mA          |
| Operating Temp.     | -40°C~+70°C    |
| RF Connectors       | SMA Female     |



## Typical Performances

| Freq. (MHz) | VSWR (S11) | VSWR (S22) | Small-Signal Gain (S21) dB | Power Output @1dB Compression (S21) dBm | Noise Figure dB |
|-------------|------------|------------|----------------------------|---|-----------------|
| Unit        | :1         | :1         | dB                         | dBm                                     | dB              |
| 0.025       | 1.15       | 1.01       | 19.4                       | 10.4                                    | -               |
| 400         | 1.37       | 1.06       | 20.1                       | 11.8                                    | 2.16            |
| 800         | 1.4        | 1.24       | 20.7                       | 12.9                                    | 2.46            |
| 1200        | 1.45       | 1.51       | 20.8                       | 13.4                                    | 2.31            |
| 1600        | 1.47       | 1.66       | 20.8                       | 14.2                                    | 2.3             |
| 2000        | 1.38       | 1.57       | 20.6                       | 14.9                                    | 2.53            |
| 2400        | 1.42       | 1.48       | 20.2                       | 15                                      | 2.71            |
| 2800        | 1.65       | 1.71       | 19.2                       | 14.4                                    | 2.69            |
| 3200        | 1.81       | 1.98       | 17.8                       | 13.7                                    | 2.59            |
| 3600        | 1.79       | 2.09       | 17.0                       | 13.6                                    | 2.66            |
| 4000        | 1.69       | 1.94       | 16.5                       | 13.5                                    | 2.9             |

## Dimensions[mm]



## 50 Ohm Typical Characteristics

