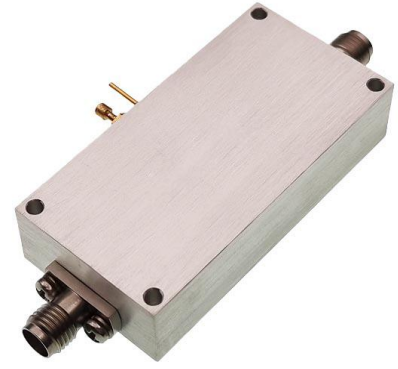


SPECIFICATIONS

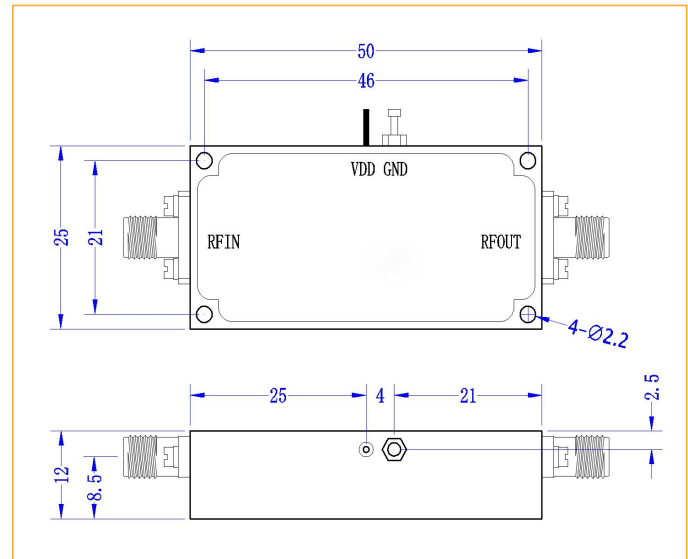
| | |
|---------------------|-----------------------|
| Frequency Range: | 400~8500 MHz |
| Gain | 30dB min. / 43dB max. |
| Noise Figure | 3dB max. |
| VSWR | 2.2 max. |
| Input Power | 10dBm max. |
| Output Power(P-1dB) | 14dBm min. |
| Impedance | 50Ω |
| Supply Voltage | +12V |
| Supply Current | 300mA |
| Operating Temp. | -30°C~+70°C |
| RF Connectors | SMA Female |



Typical Performances

| Freq. (MHz) | VSWR (S11) | VSWR (S22) | Small-Signal Gain (S21) | Power Output @1dB Compression (S21) | Noise Figure |
|-------------|------------|------------|-------------------------|-------------------------------------|--------------|
| Unit | :1 | :1 | dB | dBm | dB |
| 300 | 1.3 | 1.45 | 30.9 | 17.2 | 2.62 |
| 1080 | 1.22 | 1.41 | 31.4 | 17.7 | 2.68 |
| 1960 | 1.33 | 1.49 | 32.6 | 17.2 | 2.36 |
| 2840 | 1.49 | 1.63 | 34.4 | 16.5 | 2.28 |
| 3720 | 1.43 | 1.5 | 35.8 | 16.1 | 1.93 |
| 4600 | 1.21 | 1.2 | 36.9 | | 1.89 |
| 5480 | 1.45 | 1.1 | 37.3 | 17.7 | 1.83 |
| 6360 | 1.74 | 1.41 | 38.8 | 18.1 | 1.98 |
| 7240 | 1.68 | 1.79 | 41.7 | 18.3 | 1.78 |
| 8120 | 1.23 | 1.72 | 43.5 | 18.1 | 1.83 |
| 8500 | 1.15 | 1.72 | 43.1 | 17.7 | 2.01 |

Dimensions[mm]



50 Ohm Typical Characteristics

