



### Description

US/PA/30/0022-RF is a RF Power Amplifier module. It is designed for general purpose applications. It operates from 30 MHz to 2200 MHz The module operates using a +12V supply and uses SMA connectors for input and output.

### Applications

- Wireless Infrastructure
- Military/Defense
- Aerospace
- Test and Measurement

### Features

- DC Reverse Protected
- SMA Connector
- Available for various frequency range.
- Customization can be done based on the customer requirement.

### Specifications

Electrical Characteristics	
Frequency Range	30 - 2200 MHz
Gain	30 dB
P 1dB	+30dBm (1 Watt)
IP3	+39 dBm max.
Noise Figure	4.5 dB
Input & Output Impedance	50 Ohms
DC Power Supply	+12 V
Maximum RF Input Power	+12 dBm
Maximum DC Supply Voltage	+13 V
Operating Temperature	- 40 °C to +70 °C
DC Current	Typical : 430 mA; Max: 480 mA
Dimensions	100 x 50 x 30 mm approx.

### Drawings

