

Power Amplifier Module

Product Features

- Frequency: 75-110GHz
- Psat=27dBm
- Small Signal Gain: 43dB
- Single power supply



Electrical Specs:

Parameter	Minimum	Typical	Maximum
Frequency Range	75 GHz		110 GHz
Small Signal Gain	40 dB	43dB	
Saturated Output Power	26 dBm	27 dBm	
Input Return Loss		10 dB	
Output Return Loss		10 dB	
DC Voltage		+9V	+9.5 V
Static Current		1300 mA	
Dynamic current		1600 mA	
Specification Temperature		+25 °C	
Operating Temperature	0 °C		+50 °C

Mechanical Specs:

Item	Specification
Input	WR-10 Waveguide with W/UG-387/U-M Flange
Output	WR-10 Waveguide with W/UG-387/U-M Flange
Bias	Solder Pin
Case Material	Brass
Finish	Gold Plated
Weight	0.15kg
Size (W×L×H)	28mm×42mm×23.25mm

