

Broadband Tripler Modules

Product Features

- Frequency: 330-500GHz
- Pout: $\geq -2\text{dBm}$ @Pin=17dBm
- No external bias required



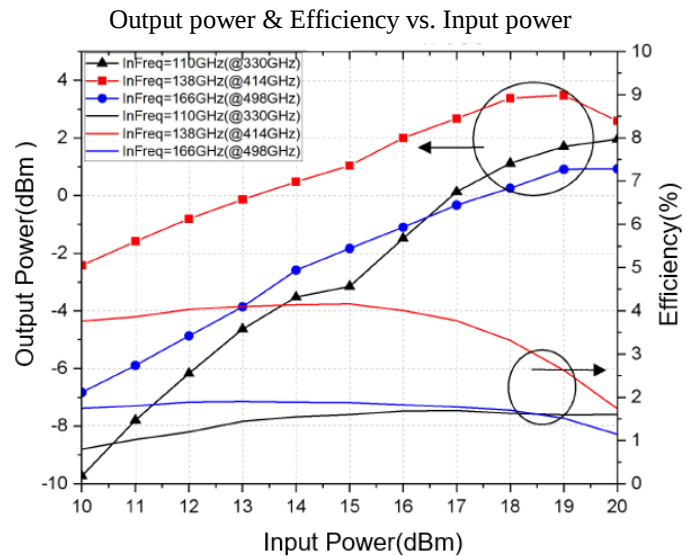
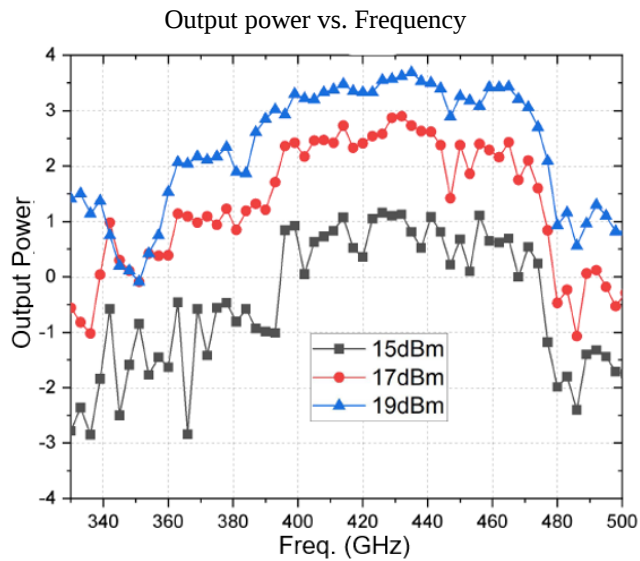
Electrical Specs:

Parameter	Minimum	Typical	Maximum
Output Frequency	330GHz		500 GHz
Output Power	-2dBm@Pin=17dBm		
Input Frequency	110GHz		167GHz
Input Power	14dBm	17dBm	19dBm
Damage power			21dBm
Storage Temperature	-65 °C		+150 °C
Operating Temperature	-55 °C	25 °C	+125 °C

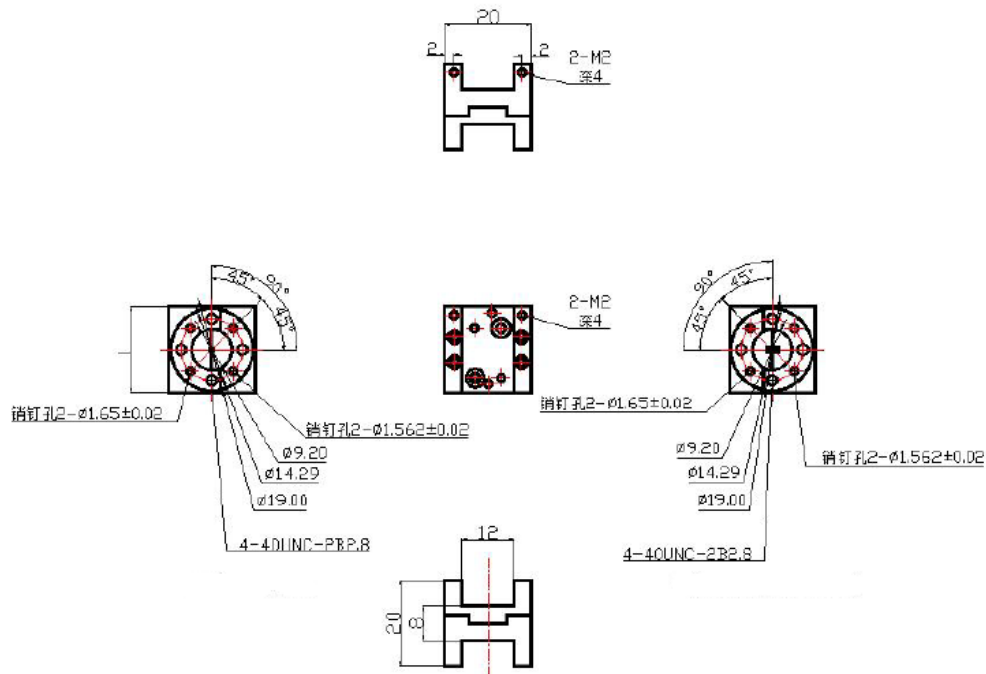
Mechanical Specs:

Item	Specification
Input	WR-06 Waveguide with W/UG-387/U-M Flange
Output	WR-2.2 Waveguide with W/UG-387/U-M Flange
Case Material	Brass
Finish	Gold Plated
Weight	0.15kg
Size (W×L×H)	20mm×20mm×20mm

Measured Performance:



Mechanical Outline:



Notes:

1. Datasheet may be changed according to update of MMIC, Raw materials , process, and so on.
2. This data is the typical performance for the reference.