

Broadband Tripler Modules

Product Features

- Frequency: 220-330GHz
- Pout: $\geq 6.3\text{dBm}$ @Pin=22dBm
- No external bias required



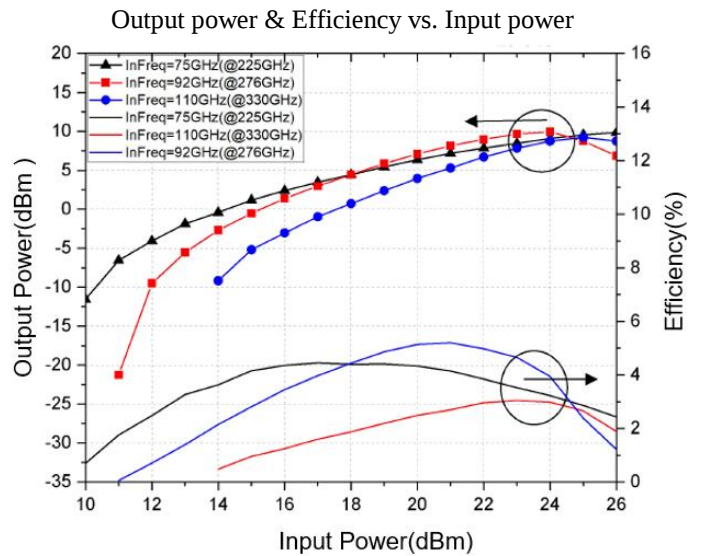
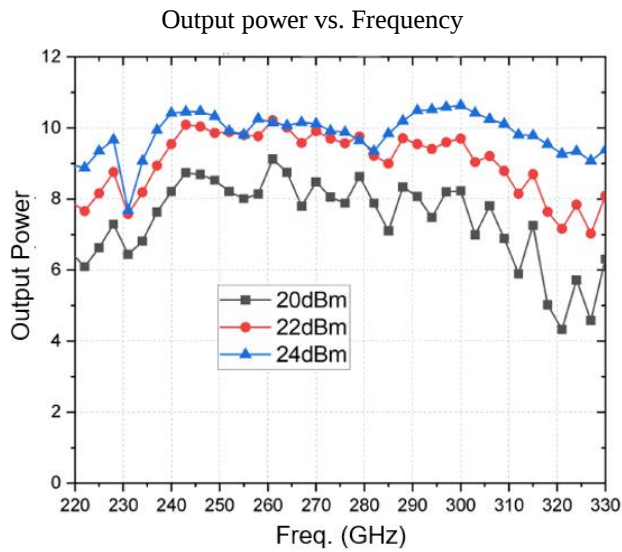
Electrical Specs:

Parameter	Minimum	Typical	Maximum
Output Frequency	220GHz		330 GHz
Output Power	$\geq 6.3\text{dBm}$ @Pin=22dBm		
Input Frequency	73GHz		110GHz
Input Power	18dBm	22dBm	25dBm
Damage power			26dBm
Storage Temperature	-65 °C		+150 °C
Operating Temperature	-55 °C	25 °C	+125 °C

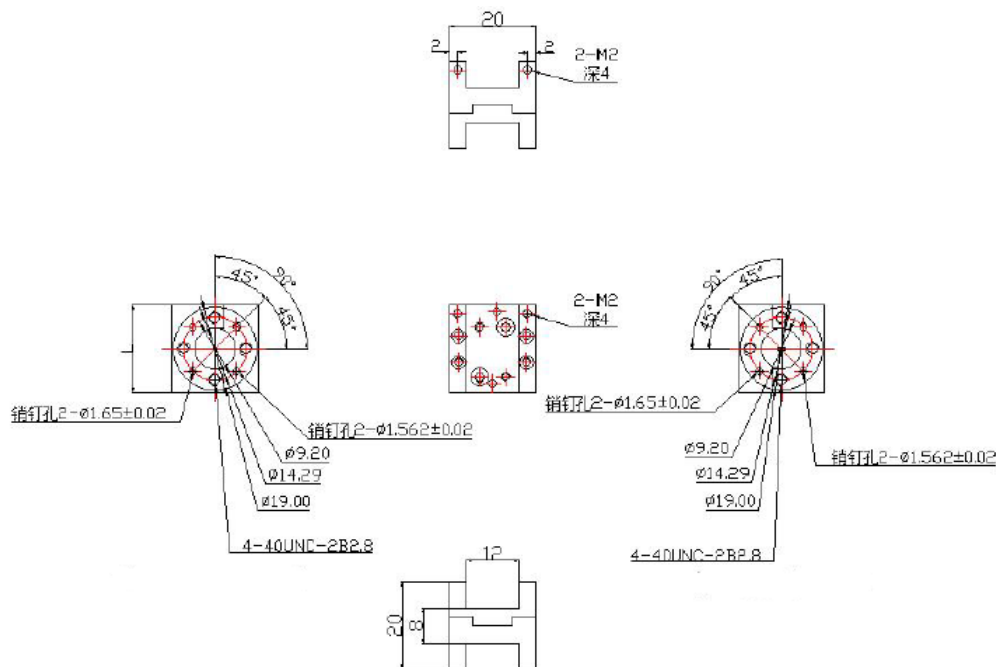
Mechanical Specs:

Item	Specification
Input	WR-10 Waveguide with W/UG-387/U-M Flange
Output	WR-03 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.