

Broadband Tripler Modules

Product Features

- Frequency: 140-220GHz
- $P_{out} \geq 7.8\text{dBm}@P_{in}=24\text{dBm}$
- No external bias required



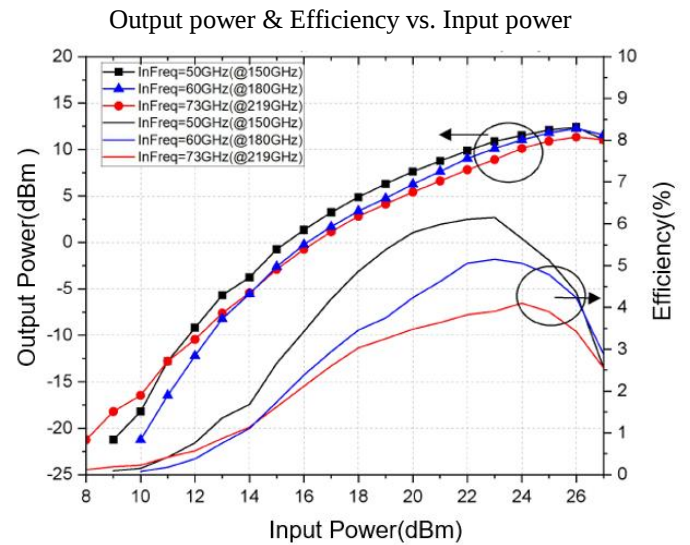
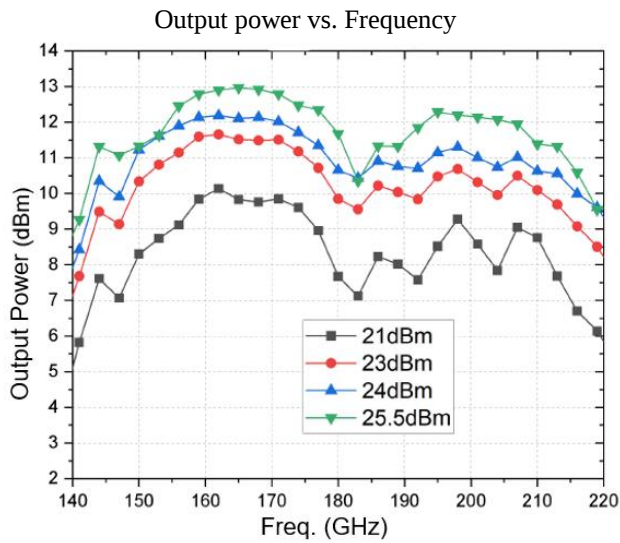
Electrical Specs:

Parameter	Minimum	Typical	Maximum
Output Frequency	140GHz		220 GHz
Output Power	7.8 dBm@Pin=24dBm		
Input Frequency	46GHz		74GHz
Input Power	20dBm	24dBm	26dBm
Damage power			27dBm
Storage Temperature	-65 °C		+150 °C
Operating Temperature	-55 °C	25 °C	+125 °C

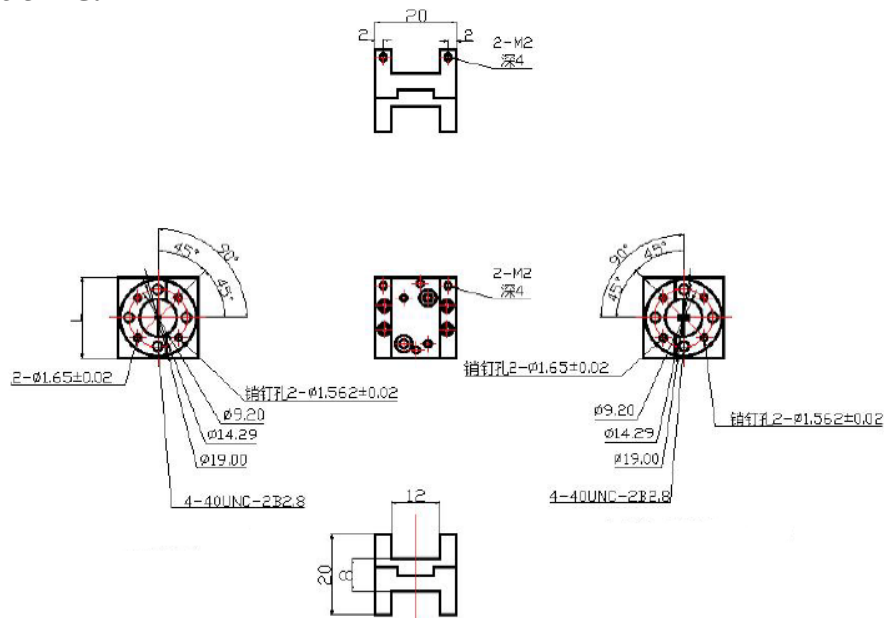
Mechanical Specs:

Item	Specification
Input	WR-15 Waveguide with W/UG-387/U-M Flange
Output	WR-05 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.