

## MTM0002 E-Band Frequency Multiplier

### Features

Multiplication factor: 18

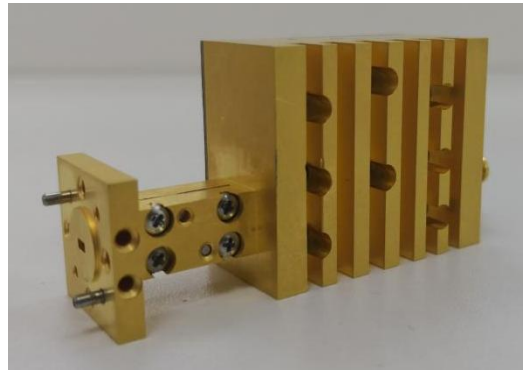
Psat: 15dBm

Broadband Output

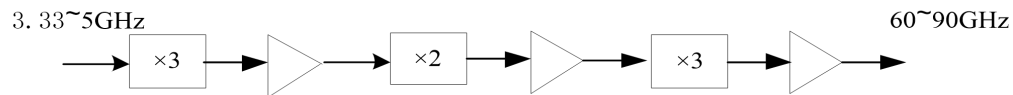
### Applications

Instruments and meters

Terahertz Transceiver Systems



### Functional Block Diagram



### Electrical Specifications Table

Parameter	Condition ( $T_A=25^\circ\text{C}$ )	Electrical Specifications			Unit
		Min.	Typ.	Max.	
1.Input Frequency	V1=+8V~+16V V2=-5V~-12V	3.33		5	GHz
2.Output Frequency		60		90	GHz
3.Input Power		5		13	dBm
4.Output Power			15		dBm
5.Harmonic Suppression		15			dBc
6.Current			1400		mA
7.Input Interface			3.5mm Female		
8.Output Interface			WR-12		