

MTM0003 W-Band Transmit Frequency Multiplier

Features

Multiplication factor: 18

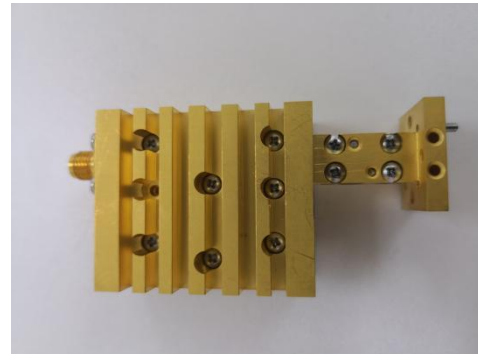
Psat: 8dBm

Broadband Output

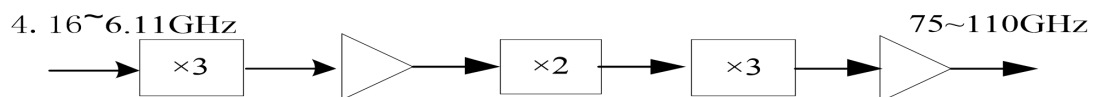
Applications

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=+5V~+12V V2=-5V~-12V	4.16		6.11	GHz
2.Output Frequency		75		110	GHz
3.Input Power		5		13	dBm
4.Output Power			8		dBm
5.Harmonic Suppression		15			dBc
6.Current			400		mA
7.Input Interface			3.5mm Female		
8.Output Interface			WR-10		