

MTM0005 300 GHz Frequency Multiplier

Features

Multiplication factor: 24

Psat: 8mW

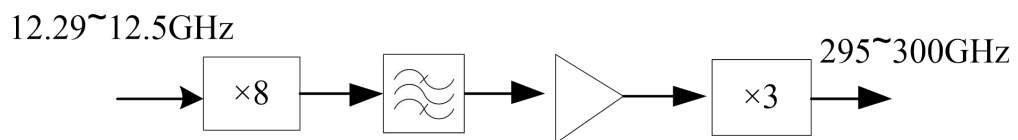


Applications

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	V=+15V~+18V	12.29		12.5	GHz
2.Output Frequency		295		300	GHz
3.Input Power		6		15	dBm
4.Output Power			8		mW
5.Harmonic Suppression		20			dBc
6.Current			400		mA
7.Input Interface			3.5mm Female		
8.Output Interface			WR-3.4		