

50-75GHz Active Multiplier

Product Features

- Frequency: 50-75GHz
- Output Power: 19dBm
- Harmonic suppression: 50dBc
- Multiplier factor: 6



Electrical Specs:

Parameter	Minimum	Typical	Maximum
Output Frequency (GHz)	50		75
Input Frequency (GHz)	8.33		12.5
Multiplier factor		6	
Input Power(dBm)	3	7	10
Output Power(dBm)	17	19	
Output suppression(dBc)	35	50	
DC Voltage(V)		+5	
DC Supply Current(mA)		650	
Operating Temperature(°C)	-20		+50

Mechanical Specs:

Item	Specification
Input	SMA Female
Output	WR-15 Waveguide with W/UG-387/U-M Flange
Material	Brass (gold plated)
Weight	≤200g
Size (W×L×H)	Refer to the structural drawing below

