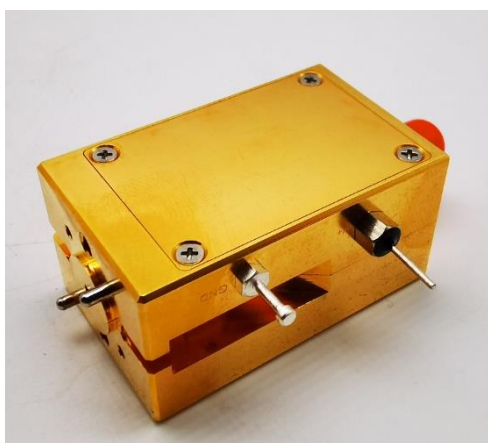


AT-AM3-5075-13M

Active Multiplier x3, 50-75GHz Pout=+13dBm

Full V Band X3 Active Multiplier 50-75GHz, Pout=+13dBm , WR-15

2022-5-1



Description:

AT-AM3-5075-13M is a full V band, active x6 frequency multiplier. The multiplier has an input frequency of 16.33-25 GHz with a typical output +13dBm from 50-75GHz.

The integrated input and output buffers deliver high output power at a low drive level. The multiplier also has a typical harmonic suppression. The input port is 2.92mm female, and the output is WR-15. Other port configurations are available under different requirement.

More information, please visit www.atmicrowave.com

Feature

- ✓ Frequency: 50-75GHz
- ✓ Pout: +13dBm typical
- ✓ Input: 16.66-25GHz
- ✓ Low Harmonics

Application

- ✓ V band Communication
- ✓ Test Equipment
- ✓ ROF (RF Over Fiber)
- ✓ Radar System

Electronical Specifications:

Parameter	Min	Typical	Max
Input Frequency		16.66-25GHz	
Input Power	+15dBm	+17dBm	
Multiplier Factor		X3	
Output Frequency		50-75GHz	
Output Power	+10dBm	+13dBm	
Harmonic Suppression		-15dBc	
Drain Voltage		+5V/300mA	
Spec Temp		25C	

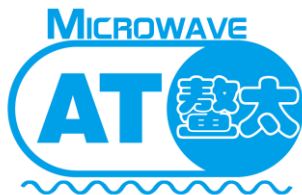
Shanghai AT Microwave Limited

Tel:021-6229 1233

Email:sales@atmicrowave.com

www.atmicrowave.com





AT-AM3-5075-13M

Active Multiplier x3, 50-75GHz Pout=+13dBm

Mechanical Information

Item	Description
Input Port	2.92mm Female
Output Port	WR-15
Case Material	Copper
Finish	Gold Plated
Weight	190g
Size:	See outline

Absolute Maximum Ratings Table

Parameter	Value
Drain Supply	+7V
RF Input Power	+20dBm
Operating Temperature	0 to +50C
Storage Temperature	-65 to +150C

Notes:

- ✓ Datasheet may be changed according to update of MMIC, Raw materials , process, and so on.
- ✓ This data is only for reference, not for guaranteed specifications.
- ✓ Please contact AT Microwave team to make sure you have the most current data.
- ✓ Always pay attention to the temperature of the case, heatsink and fan are required if case temperature exceeds over 50C.

Test Data (25C)

Please note that test curves will vary slightly from unit to unit.



Dimension

