



AT-BTAM4-2050-22XC2

Active Multiplier x4, 20-50GHz Pout=+22dBm

X4 Active Frequency Multiplier, 20-50GHz

Bench-Top Broadband, +22dBm Output, 2.4mm Female



Description:

AT-BTAM4-2050-22XC2 is a broadband frequency multiplier. The multiplier has an input frequency of 5-12.5 GHz with a typical output +22dBm from 20-50GHz.

The compact bench-top frequency multiplier can be used at general Labs Test. The power supply is from 110-240V

More information, please visit: www.atmicrowave.com

Feature

- ✓ Frequency: 20-50GHz
- ✓ Pout: +22dBm typical
- ✓ Input: 5-12.5GHz
- ✓ Bench-Top Test

Application

- ✓ 28/39GHz 5G Communication
- ✓ Test Equipment
- ✓ ROF (RF Over Fiber)
- ✓ Radar System

Electrical Specifications:

Parameter	Min	Typical	Max
Input Frequency		5-12.5GHz	
Input Power	+10	+13dBm	+15
Multiplier Factor		X4	
Output Frequency		20-50GHz	
Output Power	+20dBm	+22dBm	
1 st /3 rd Harmonic Suppression		-18dBc	
Drain Supply (AC Adapter Included)		+220V	
Power Consumption		10W	
Spec Temp		25C	





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Mechanical Information

Item	Description
Input Port	SMA Female
Output Port	2.4mm Female
Case Material	Aluminum
Finish	Painting
Weight	1.6KG
Size:	See outline

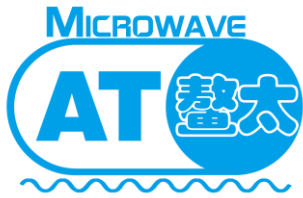
Absolute Maximum Ratings Table

Parameter	Value
Drain Supply	+260V
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.





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Dimension: (Unit:mm)

