



# AT-BTAM4-2060-10

Active Multiplier x4, 20-60GHz Pout=+10dBm

## Active X4, 20-60GHz Broadband, High Power Bench-top Test Equipment, 1.85mm Output



### Description:

AT-BTAM4-2060-10 is a broadband frequency multiplier. The multiplier has an input frequency of 8.75-16.75 GHz with a typical output +10dBm from 20-60GHz.

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 SMA female, and the output is 1.85 mm Female. Other port configurations are available under different requirement.

For more information, please visit [www.atmicrowave.com](http://www.atmicrowave.com)

### Feature

- ✓ Frequency: 20-60GHz
- ✓ Pout: +10dBm typical
- ✓ Input: 5-15GHz
- ✓ Low Harmonics

### Application

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

## Electronical Specifications:

Parameter	Min	Typical	Max
Input Frequency	5GHz		15GHz
Input Power	+13	+15dBm	+18
Multiplier Factor		X4	
Output Frequency	20GHz		60GHz
Output Power	+7	+10dBm	
1 <sup>st</sup> /3 <sup>rd</sup> Harmonic Suppression		-20dBc	
Power Supply	+90V	+220V	+240V
Power Consumption		10W	
Spec Temp		25C	





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## Mechanical Information

Item	Description
Input Port	SMA Female
Output Port	1.85mm Female
Case Material	Aluminum
Finish	Painting
Weight	1.6kg
Size:	206.7x167x82.9mm

## Absolute Maximum Ratings Table

Parameter	Value
Drain Supply	+260V
RF Input Power	+20dBm
Operating Temperature	-20 to +70C
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)

