

## 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 <a href="https://www.atmicrowave.com">www.atmicrowave.com</a>

#### **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.





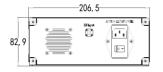
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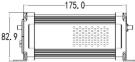
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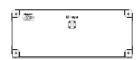
## **Dimension:** (Unit:mm)

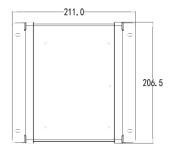














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