

3GHz-67GHz Broadband Amplifier Bench-top Test Equipment, 1.85mm



Product Overview

AT-BTBB-0367-2515C is broadband amplifier from 3GHz-67GHz, with $P_{out}=+15dBm$, $NF=6dB$. It can be used both as Power amplifier or low noise amplifier. The AC power requirement is +90V to 240V. The module is with 1.85mm Female

The compact bench-top amplifier can be used in 5G Communication, ROF, Optical Communication or General Labs Test.

More information, please visit www.atmicrowave.com

Advantages

- ✓ Frequency: 3GHz-67GHz
- ✓ P_{sat} : +15dBm
- ✓ Small signal gain: 25dB
- ✓ Single Power Supply

Application

- ✓ 5G Communication
- ✓ Test Equipment
- ✓ ROF (RF Over Fiber)
- ✓ Radar System

Key Features

Parameter	Min	Typical	Max
Frequency		3GHz-67GHz	
Gain	23dB	25dB	
P1dB	+13 +10	3-50GHz: +14dBm 50GHz-67GHz: +12dBm	
P_{sat}	+14 +11	3-50GHz: +15dBm 50GHz-67GHz: +13dBm	
Power Supply	+90V	+220V	+240V
NF(3-50GHz)		6dB	8dB
Input Return Loss	-5dB	-8dB	
Output Return Loss	-5dB	-8dB	
Spec Temp		25C	





AT-BTBB-0367-2515C

3GHz-67GHz Broadband Amplifier

Mechanical Information

Item	Description
Input Port	1.85mm Female
Output Port	1.85mm Female
Case Material	Aluminum
Finish	Painting
Weight	1.6KG
Size:	See Outline

Absolute Maximum Ratings Table

Parameter	Value
Drain Supply	+260V
RF Input Power	+5 dBm
Operating Temperature	0 to +50C
Storage Temperature	-65 to +150C

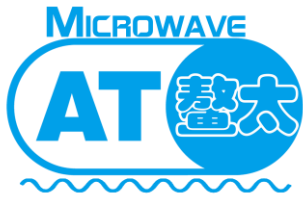
Caution:

Please pay attention to the case temperature. If case temperature exceed higher than +50C, heat sink and fan are required, or the amplifier may be damaged.

Notes:

1. Datasheet may be changed according to update of MMIC, Raw materials , process, and so on.
2. This data is only for reference, not for guaranteed specifications.
3. Please contact AT Microwave team to make sure you have the most current data.





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Dimension: (unit in mm)

