AT-BTBB-0022-3326C

10MHz-22GHz Broadband Amplifier

10MHz-22GHz Broadband Amplifier Bench-top Test Equipment

Product Overview

AT-PA-0026-3527C is broadband amplifier from 10MHz-26.5GHz, with Pout=+27dBm, NF=4dB. It can be used both as Power amplifier and low noise amplifier. The DC power requirement is +10V/650mA. The module is with SMA Female

The broadband amplifier has high gain, high linearity, low input/output return loss and flat gain response. Bench-top test equipment type with 110-240V power supply is available according to request.

More information, please visit www.atmicrowave.com

Advantages

- ✓ Frequency: 10MHz-26.5GHz
- ✓ Psat:+27dBm
- ✓ Small signal gain: 35dB
- ✓ Single Power Supply

Application

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

Key Features

Parameter	Min	Typical	Max
Frequency		10MHz-22GHz	
Gain	30dB	33dB	
P1dB		10MHz-18GHz: +24dBm 18-26.5GHz: +22dBm	
Psat		10MHz-18GHz: +26dBm 18-26.5GHz: +23dBm	
Power Supply	90V	220V	240V
Power Consumption		20W	
NF		5dB	
Input Return Loss		-10dB	
Output Return Loss		-10dB	
Spec Temp		25C	

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Mechanical Information

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

Absolute Maximum Ratings Table

Parameter	Value
Drain Supply	+260V
RF Input Power	+15 dBm
Operating Temperature	0 to +50C
Storage Temperature	-65 to +150C

Caution:

Please pay attention to the case temperature. If case temperature exceeds 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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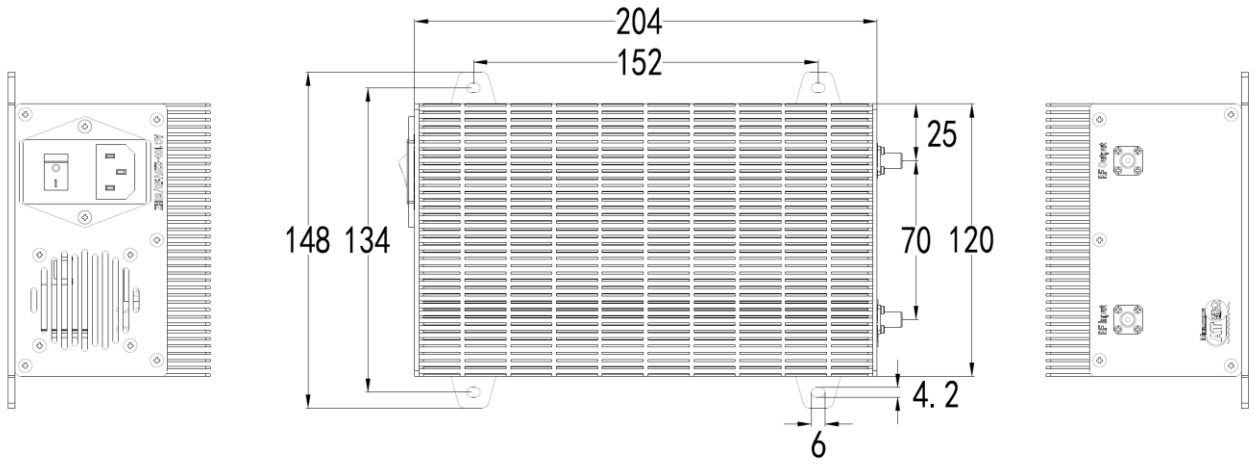
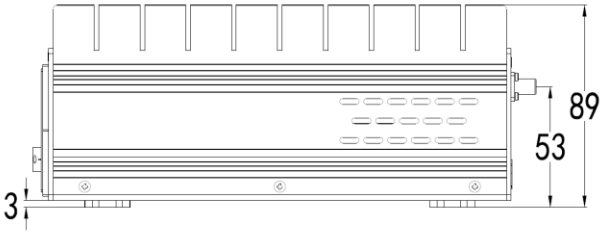
Dimension: (unit in mm)





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