



AT-BTPA-4060-3018VC

40-60GHz Medium Power Amplifier

40-60GHz Broadband Power Amplifier Bench-top Test Equipment, 1.85mm Female



Product Overview

AT-PA-4060-3018VC is high power amplifier with +18dBm output power in the frequency of 40-60GHz.. The module is with 1.85mm Female. This amplifier is with very low NF=6dB, which can also be used as low noise amplifier.

The power amplifier has high gain, high linearity, low input/output return loss and flat gain response.

More information, please visit www.atmicrowave.com

Advantages

- ✓ Frequency: 40-60GHz
- ✓ P1/Psat:+16/18dBm
- ✓ Small signal gain: 30dB
- ✓ NF=6dB
- ✓ Single Power Supply

Application

- ✓ U Band Communication
- ✓ Test Equipment
- ✓ ROF (RF Over Fiber)
- ✓ Radar System
- ✓ Microwave Point to Point

Key Features

Parameter	Min	Typical	Max
Frequency		40-60GHz	
Gain	27dB	30dB	
P1dB		+16dBm	
Psat		+18dBm	
NF		6Db	
Input Return Loss		-5Db	
Output Return Loss		-5Db	
Power Supply	+90V	+220V	+240V
Power Consumption		10W	
Spec Temp		25C	





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Mechanical Information

Item	Description
Input Port	1.85mm Female
Output Port	1.85mm Female
Case Material	Aluminum
Finish	Painting
Weight (Without Heatsink)	1.6KG
Size:	See Outline

Absolute Maximum Ratings Table

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

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)

