AT-BTLNA-0226-3805P20

2-26.5GHz Low Noise Amplifier

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Gain=38dB, NF=5dB, Pout=+20dBm, SMA

Product Overview

AT-BTLNA-0226-3805P20 is high gain low noise amplifier with 38dB gain in the frequency of 2-26.5GHz. The DC power requirement is +220V. The module is with SMA connector.

AT Microwave can provide all kinds of coaxial low noise amplifiers, with frequency from 0.01-67GHz, gain from 20 to 60dB, Pout from +5 to +27dBm, and connectors from SMA to 1.85mm.

More information, please visit: www.atmicrowave.com

Advantages

- ✓ Frequency: 2-26.5GHz
- ✓ Small signal gain: 38dB
- ✓ NF=5dB
- ✓ Pout=+20dBm

Application

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

Key Features

Parameter	Min	Typical	Max
Frequency		2-26.5GHz	
Gain	35	38 dB	
Gain Flatness		+/-2.5dB	+/-5dB
NF		5dB	7
P1dB		+18dBm	
Psat	+18dBm	+20dBm	
Drain Supply	90V	+220V	+240V
Power Consumption		10W	
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(note)	0 to +50C
Storage Temperature	-45 to +85C

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)