

2-50GHz Low Noise Amplifier Bench-Top Test Equipment

2021-9-30



Product Overview

AT-BTLNA-0250-3505C is high gain low noise amplifier with 38dB gain in the frequency of 2-50GHz. The module is with 2.4mm 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: 2-50GHz
- ✓ Small signal gain: 35dB
- ✓ NF=5dB
- ✓ Bench-top Test Equipment

Application

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

Key Features

Parameter	Min	Typical	Max
Frequency		2-50GHz	
Gain	33	35 dB	
Gain Flatness		+/-2dB	
NF(2-40GHz)		5dB	8
P1Db		+10dBm	
Psat		2-40GHz: +13dBm 40-50GHz: +10dBm	
Power Supply	+90V	+220V	+240V
Power Consumption		10W	
Input Return Loss		-10dB	
Output Return Loss		-10dB	
Spec Temp		25C	





AT-BTLNA-0250-3505C

2-50GHz Low Noise Amplifier

Mechanical Information

Item	Description
Input Port	2.92mm Female
Output Port	2.92mm Female
Case Material	Aluminum
Finish	Painting
Weight	1.6kg
Size:	211x206.5x82.9mm

Absolute Maximum Ratings Table

Parameter	Value
Drain Supply	+260V
RF Input Power	+15 dBm
Operating Temperature(note)	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)

