



Robust Design 8.5-9 GHz 15dBm Rf Amplifier 25 DB High Gain Stability Excellent Linearity

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: ZR Hi-Tech
- Model Number: LT-PA-085090-G25P15
- Minimum Order Quantity: 1
- Packaging Details: carton packing
- Delivery Time: 4 weeks
- Payment Terms: T/T



LT-PA-085090-G16P17

Product Specification

- Product Name: LT-PA Series Power Amplifier
- Application: Wireless Communication
- Flatness: $\pm 1.0\text{dB}$
- Extended Temperature Range: $-40\sim 85$
- Frequency Range: 8.5 To 9 GHz
- Signal Gain: 55dB
- Highlight: **Excellent Linearity Rf Amplifier,
High Gain Stability Rf Amplifier,
Robust Design Rf Amplifier**

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Product Description

Robust Design 8.5-9 GHz 15dBm Rf Amplifier 25 DB High Gain Stability
Excellent Linearity

Product Attributes

Attribute	Value
Product name	LT-PA series Power Amplifier
Application	Wireless Communication
Flatness	±1.0dB
Extended Temperature Range	-40~85
Frequency range	8.5 to 9 GHz
Signal Gain	55dB

Product Description

8.5-9GHz LT-PA Series High-Gain Power Amplifier

The **ZR LT-PA-085090-G25P15** is a high-performance RF power amplifier delivering **55dB exceptional gain** with **±1.0dB outstanding flatness** across the **8.5-9GHz X-band** frequency range. This precision amplifier provides **15dBm output power** from just **5dBm input**, making it ideal for sensitive radar and satellite communication systems.

Key Features

- X-Band Precision Operation (8.5-9GHz)
- 55dB High Signal Gain with ±1.0dB Flatness
- 15dBm Output Power
- Military-Grade Aluminum Housing
- Extended Temperature Range (-40 °C to +85°C)
- Frequency Customization Available
- CE/RoHS/REACH Compliant
- 12-Month Manufacturer Warranty

Specifications

Items	Specification	Conditions
Part Number	LT-PA-085090-G25P15	
Configuration	Module with Connector	
Frequency Range	8.5 to 9 GHz	
Small Signal Gain	25 dB	
Gain Flatness	±1.0 dB	
Output Power	15 dBm	
Input Power	5 dBm	
VSWR	1.9:1	

Power Supply	+5V / 150mA	
Operating Temperature	-40 to +70	
Dimension	34.4*16.8*8.1 mm	

Note: for custom specs, please contact us directly.



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