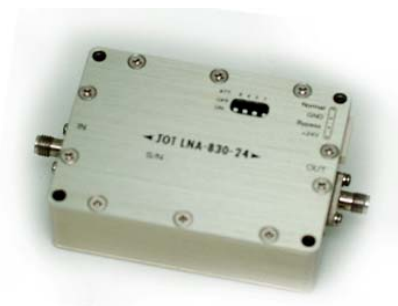


Product Features

- Low Noise Figure
- High Reliability
- High Linearity
- Single Supply Voltage
- Small size by using simple matching circuit board
- High Productivity
- Hybrid Amplifiers on Ceramic Board
- Competitive Price

Application

- CDMA, GSM Repeater
- Base Station
- RF Sub-Systems



Description

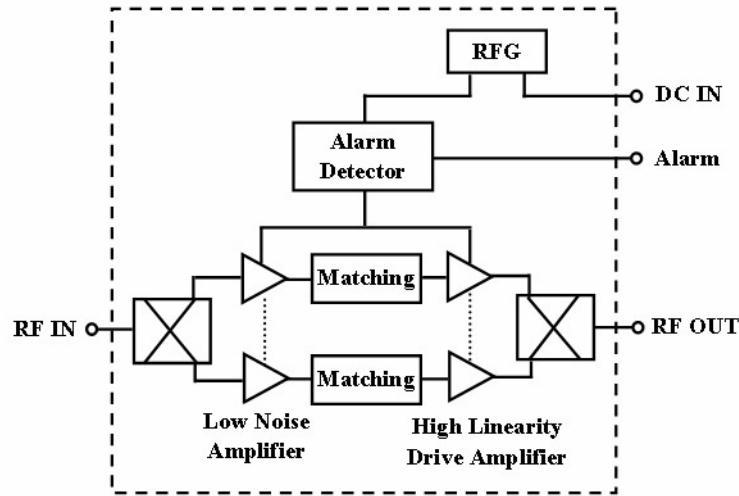
This LNA Module is a high gain, ultra low noise amplifier module. It has superior performance comes with a modest price tag.

Specifications

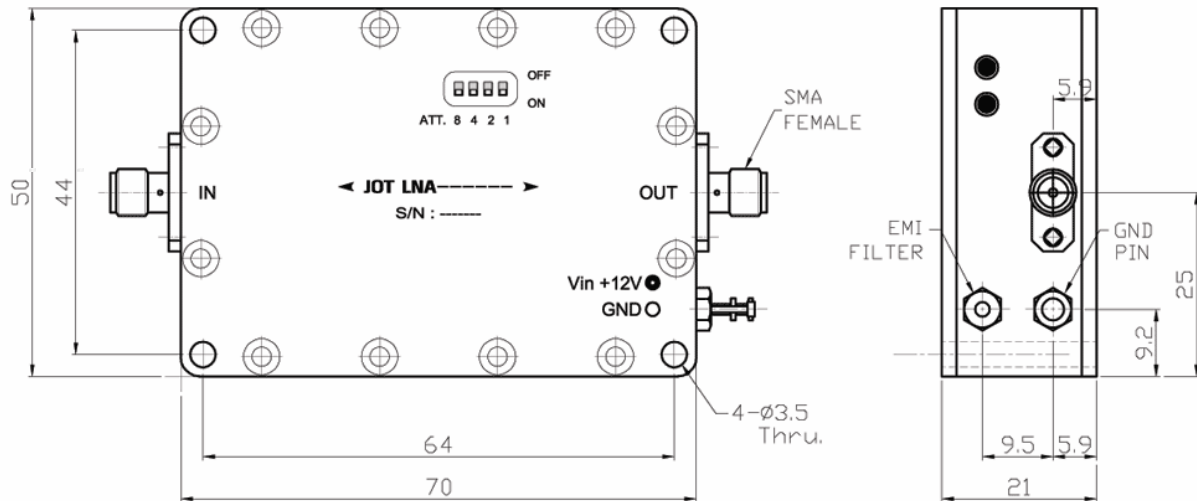
(Operating Temperature:-30°C~+70°C)

PARAMETER	RFL-0935D	RFL-0945D
Frequency Range	825~880MHz	825~880MHz
Gain	35dB ± 0.5dB	45dB ± 0.5dB
Gain Flatness	± 0.5dB	
VSWR	1.3 : 1	
Noise Figure(Max)	0.8 dB	
OIP3(Max)	36dBm	39dBm
Current(Max)	270mA	420mA
Supply Voltage	8~12V	
Current Alarm	Normal : Open, Fail : GND (Open Collector)	
Operating Temperature	-30°C ~ +70°C	
Connector Type	SMA - Female	
Case Dimension	52 × 46 × 19 [mm]	

Functional Diagram



Dimensions in mm



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