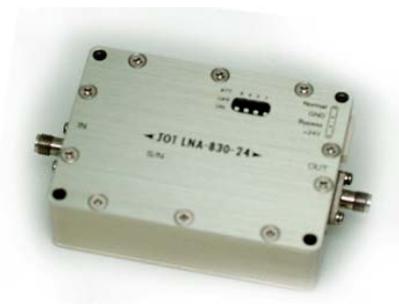


Product Features

- 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 Repeater
- Base Station
- RF Sub-Systems



Description

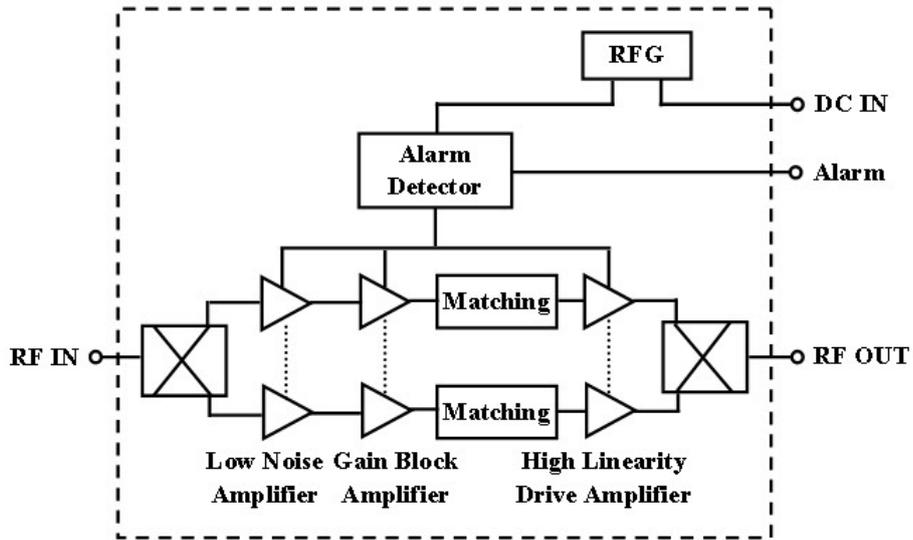
This LNA Module is a high gain, ultra low noise amplifier module. It has superior performance comes with a modest price tag.

Specifications

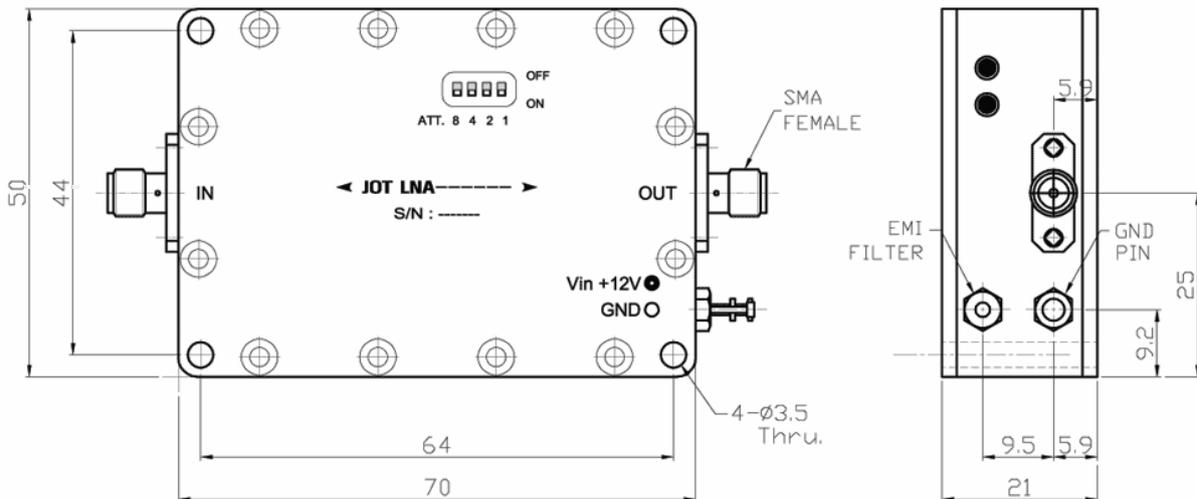
(Operating Temperature:-30°C~+70°C)

PARAMETER	RFL-1830D	RFL-1835D
Frequency Range	1885~1900MHz	1885~1900MHz
Gain	30dB ± 0.5dB	35dB ± 0.5dB
Gain Flatness	± 0.5dB	
VSWR	1.3 : 1	
Noise Figure(Max)	1.1dB	
OIP3(Max)	35dBm	39dBm
Current(Max)	350mA	400mA
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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