

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, TRS Base Station
- Repeater
- RF Sub-Systems



Description

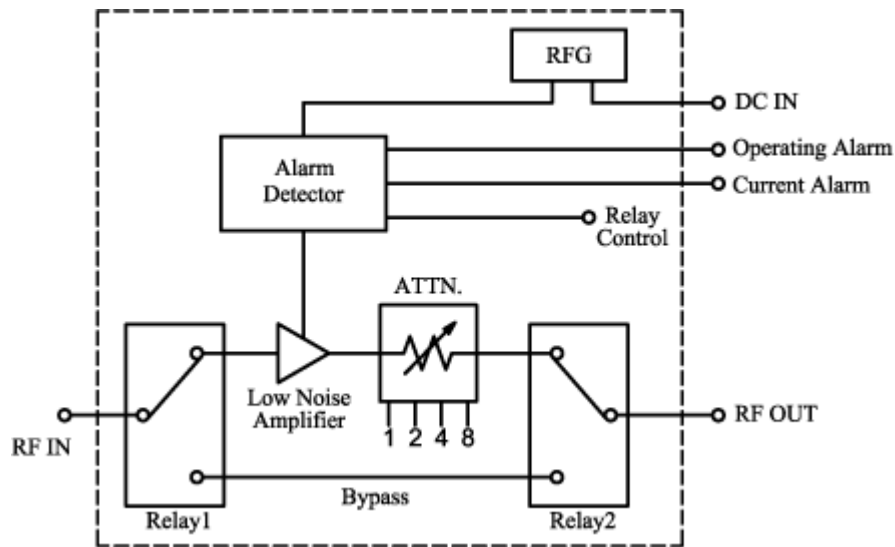
This LNA Module is a low noise amplifier module with bypass function for Tower Top Mounting.

Specifications

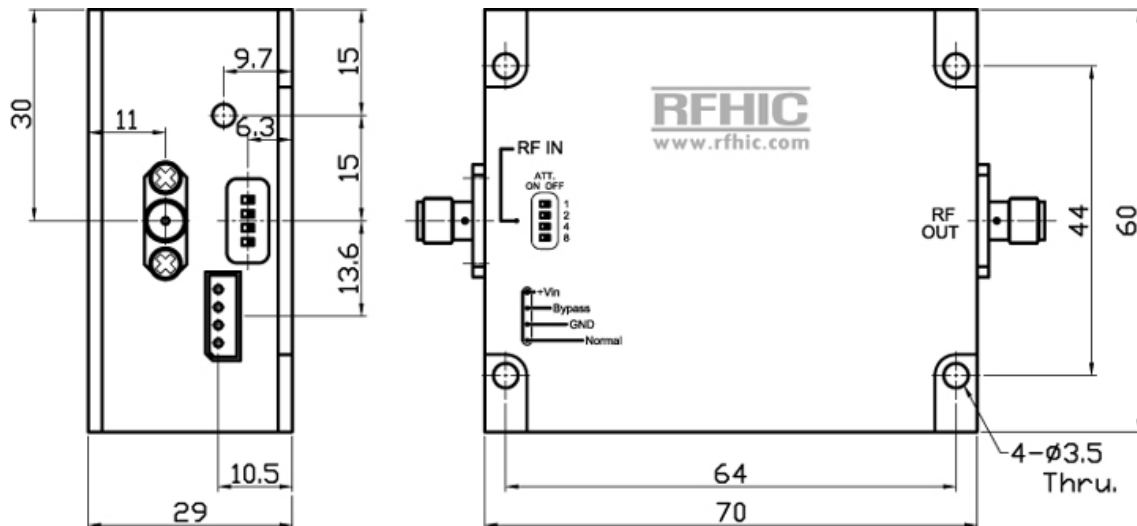
(Operating Temperature:-30°C~+70°C)

PARAMETER	RFL-830D
Frequency Range	800~850 MHz
Gain	19dB $\pm$ 1.0dB
Gain Flatness	$\pm$ 0.5dB
VSWR	1.2 : 1
Noise Figure(Max)	1.1dB
Bypass Loss(Max)	1.0dB
OIP3(typ)	28dBm@0dBm each tone
Attenuator	15dB range(1dB step)
Current(typ)	100mA@24V
Supply Voltage	12V ~ 24V
Current Alarm	Normal : Green, Fail : Red
Operating Temperature	-30°C ~ +70°C
Connector Type	SMA – Female
Case Dimension	70 × 50 × 21 [mm]

Functional Diagram



Dimensions in mm



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