

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, WCDMA Repeater
- Base Station
- RF Sub-Systems



Description

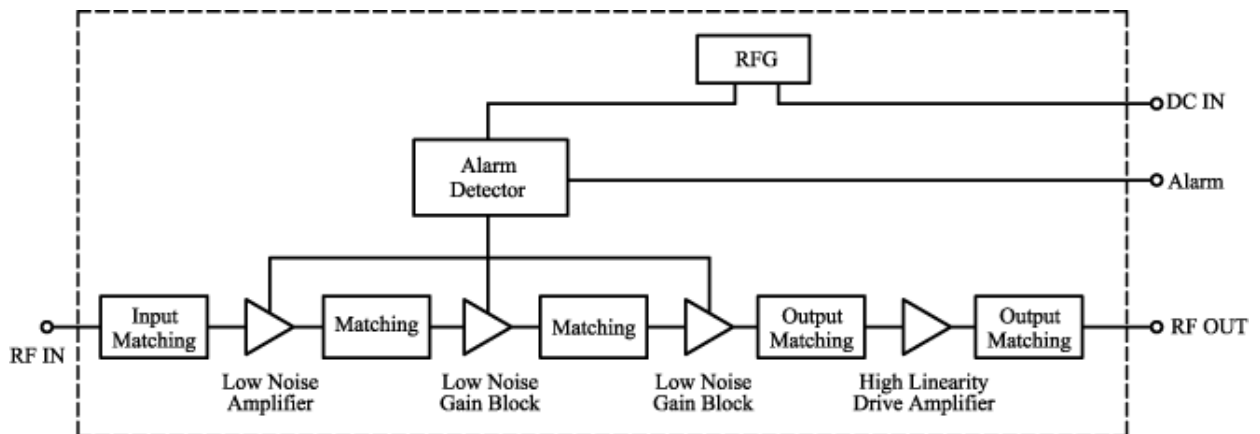
This LNA Module is a high gain, ultra low noise amplifier module. It has superior performance comes with a modest price tag.

Specifications

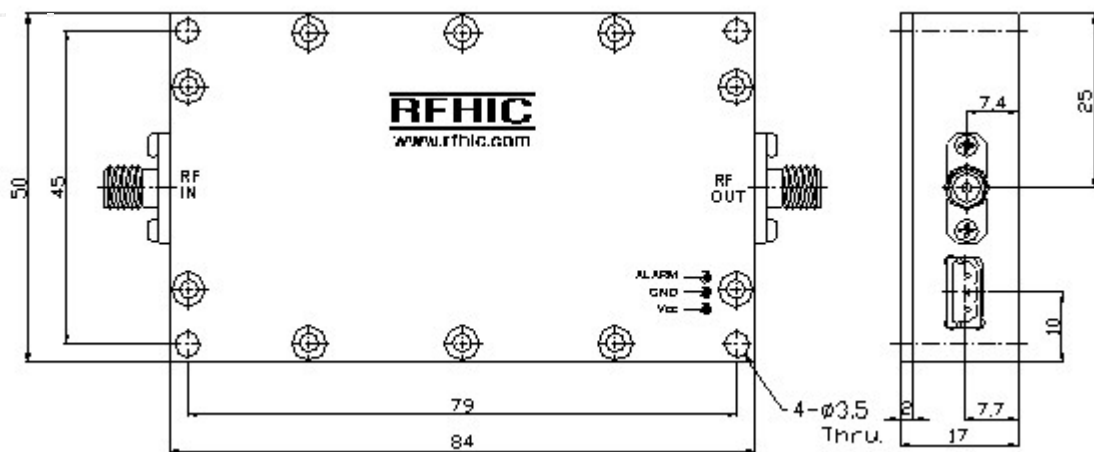
(Operating Temperature:-30°C~+70°C)

PARAMETER	RFL-1745R	RFL-1745T	RFL-2140R	RFL-2140T
Frequency Range	1750~1780 MHz	1840~1870 MHz	1920~1980MHz	2110~2170MHz
Bandwidth	30MHz		20MHz	
Gain	45dB ± 0.5dB		40dB ± 0.5dB	
Gain Flatness	± 0.5dB			
VSWR	1.3 : 1			
Noise Figure(max)	1.0dB			
OIP3(max)	38dBm			
Current(max)	400mA		450mA	
Supply Voltage	8~12V			
Current Alarm	Normal : TTL High, Abnormal : TTL Low (TTL type)			
Operating Temperature	-30℃ ~ +70℃			
Connector Type	SMA – Female			
Case Dimension	84 × 50 × 17 [mm]			

Functional Diagram



Dimensions in mm



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