

▶ **LNA (Low Noise Amplifier)**

1. Specification

Parameter		Specification	Remark
Frequency Range		2150 ~ 2170MHz	
Gain		30±0.5 dB	@Operating Temperature
Gain Flatness		0.5 dB (P-P)	@Operating Temperature
Noise Figure		1.0 dB(0.8dB@+25°C)	Max.
IP3(Output)		38.0 dBm	@10dBm output
Return Loss		18dB	Min
Coupling port		10dB(±1dB)	
Input Power		+8V (DC)	Vcc: pin1,Gnd: pin2
Current Consumption		500 mA	MAX
Operating Temperature		-30 ~ +70 °C	
FAULT	NORMAL	LOW(0V)-Pin4	
	FAULT	HIGH(5V)-Pin4	
IN/OUT Connector		SMA female	
DC / Alarm Connector		Molex(5267)_inside Feed Thru 처리(π_Type)	
Operating Temperature		-30°C ~ 70°C	
Storage Temperature		-40°C ~ 85°C	

- Pin assign

	Parameter	Description
1	Vcc	8V
2,3	GND	Pin2: 전원 GND, Pin3: Fault GND
4	FAULT	0V (LOW) : NORMAL, 5V (HIGH) : FAULT

2. DRAWING

