

Low Noise Amplifier LNA-2



Features

- Frequency Range. 1000 ~ 3000MHz
- Gain 16 ± 1.25 dB, 25 ± 1.25 dB (Alternative Function)
- Noise Figure max. 3.5dB
- Operating temperature $-20^{\circ}\text{C} \sim 60^{\circ}\text{C}$
- Low cost, High efficiency, Compact Size
- Various alarm and Interfaces available

Applications

- Radio scan system

Specifications

No.	ITEM	SPECIFICATION	ETC
1	FREQ. RANGE	1000MHz ~ 3000MHz	
2	NOISE FIGURE	3.5dB 이내	
3	GAIN	16dB 이상	
4	GAIN FLATNESS	± 1.25 dB 이내	
5	P1dB	20dBm이상	
6	IP3	33dBm 이상	@5dBm/t,2 tone
7	INPUT VSWR	2.2:1 이하	
8	OUTPUT VSWR	1.8:1 이하	
9	DC POWER	270mA이내@12V	
10	OPERATING TEMPERATURE	$-20^{\circ}\text{C} \sim 60^{\circ}\text{C}$	
11	STORAGE TEMPERATURE	$-20^{\circ}\text{C} \sim 70^{\circ}\text{C}$	
12	IN/OUT IMPEDANCE	50 Ω	
13	IN/OUT CONNECTOR	SMA FEMALE	
14	SIZE	70 X 50 X 22 (mm)	