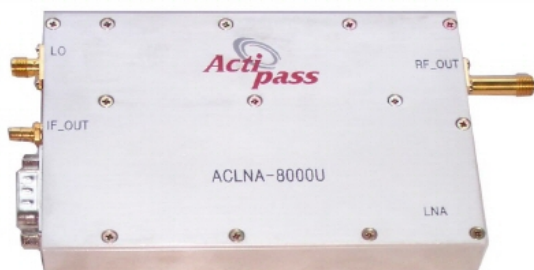


LOW NOISE AMPLIFIER



Description

LNA is a low noise, high dynamic range amplifier. Operating in the frequency range of 7.7 ~ 8.2 GHz combination of low noise, high linearity and excellent impedance match.

Function

- LOW NOISE
- LOW POWER CONSUMPTION
- HIGH CONVERSION GAIN
- OPERATING RANGE : -10 ~ +60 °C

Specifications

		Lower Band Type	Upper Band Type
RF Frequency Band		RF-70MHz (7745~7945 MHz)	RF+70MHz (8055~8255 MHz)
Conversion Gain		25dB±0.5dB	25dB±0.5dB
Return Loss	RF Port	<-20dB	<-20dB
	IF Port	<-20dB	<-20dB
	Lo Port	<-15dB	<-15dB
2Tone 3 rd IMD		<-56dBc @-30dBm input	<-56dBc @-30dBm input
Input IMD		Above -15dBm @25 °C	Above -15dBm @25 °C
Amplitude Flatness		<±0.5dB Over Full B.W	<±0.5dB Over Full B.W
Noise Figure		< 2dB Over Full B.W	< 2dB Over Full B.W
Operating Temperature		-10~+60 °C	-10~+60 °C
Supply Voltage		+12V, 200mA	+12V, 200mA
Function		LO Monitoring	

* The specification can be modified upon buyer's requests.

* All specifications are subject to change without notice.

* The latest specifications are available at www.actipass.com