

## LNA ( Low Noise Amplifier ) | RF Components and Subsystems

LNA (Low Noise Amplifier) PARAMETERS		LNA (Low Noise Amplifier) SPECIFICATION
Frequency Range		824.0 ~ 849.0 MHz
Gain		40.5db +- 1.0dB
Gain Flatness		0.25dB Min.
Return Lose		20.0 Min.
Noise Figure		1.0dB Max.
CPL OUT		20.0dB +- 1.0 dB
Isolation		20dB Min.
1 dB Compression Point		27.0 dBm Min.
3rd Order Intercept Point		40.0 dBm Min.
Isolation (RF OUT → RF IN)		-40 dB Min
Coupler Isolation (CPL OUT → RF OUT)		-37 dB Min
DC Power	Voltage	20 ~ 29V
	Current	350mA >- ( 27V Operating )
Operating Temperature		-30°C - 70°C
Connectors		SMA (F)
Size (mm)		90.0 x 53.0 x 24.0