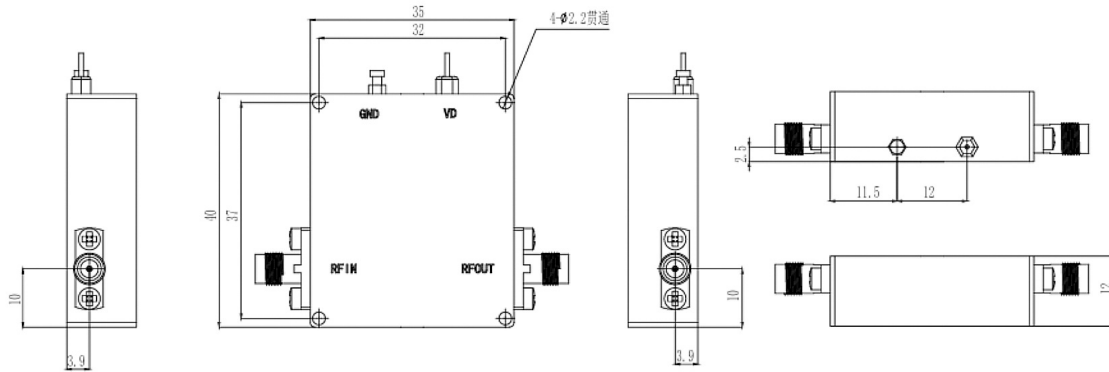


2.4mm LNA Module, RLNAM3540U Series

Select the frequency according to the specification table.

Dimensions(mm) Tolerance $\pm 1\%$



Mechanical & Product Information

Product Number	RLNAM3540U Series, P-Grade, UWB	Product Type	同轴低噪放模块, 50 Ohms
Connector	2.4mm母 - 2.4mm母	Connector Body	Passivated stainless steel
Center Contact	Gold plated beryllium copper		
Housing	Gold plated brass	Operating Temp.	$^{\circ}\text{C}$
Dimensions	35 \times 40 \times 12mm	Net Weight	-
Power supply	PIN, -		

Product Selection

RFTOP P/N	Freq.Range	Gain Typ.	Flatness	P1dB	Psat	NF	IN VSWR	OUT VSWR	Power
RLNAM3540U-50K50-33 DC 8V(+12V Max), 0.25A	50KHz-50GHz	33dB (Min 30dB)		$\leq 5.5\text{dB}$	13dBm	13.5dBm	≤ 1.8	≤ 2	5dBm
RLNAM3540U-2F50-32 DC 12V(+13V Max), 0.28A	2-50GHz	32dB (Min 30dB)	$\pm 3.5\text{dB}$ Typ.	$\leq 5.5\text{dB}$	13dBm	15dBm	≤ 1.6	≤ 1.6	5dBm
RLNAM3540U-15F50-38 DC 5V(+8V Max), 0.39A	15-50GHz	38dB	$\pm 3.0\text{dB}$ Typ.	$\leq 5\text{dB}$	17dBm	18dBm	≤ 1.8	≤ 1.8	5dBm

Customized: including frequency range, P1dB, Psat, input/return power and other electrical performance indicators.