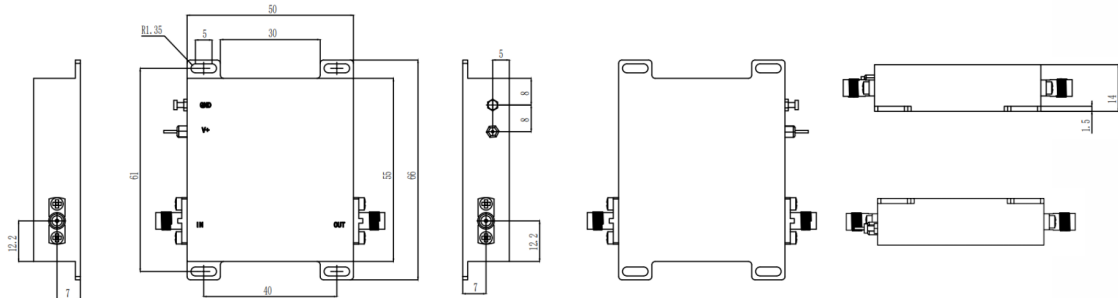


## SMA LNA Module, RLNAM5055S Series

Select the frequency according to the specification table.

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



### Mechanical & Product Information

<b>Product Number</b>	RLNAM5055S Series, P-Grade, UWB	<b>Product Type</b>	同轴低噪放模块, 50 Ohms
<b>Connector</b>	SMA母 - SMA母	<b>Connector Body</b>	Passivated stainless steel
<b>Center Contact</b>	Gold plated beryllium copper		
<b>Housing</b>	Aluminum, electric conductive oxidation	<b>Operating Temp.</b>	°C
<b>Dimensions</b>	50×55×14mm	<b>Net Weight</b>	-
<b>Power supply</b>	PIN, DC 12 Volts Typ.		

### Product Selection

RFTOP P/N	Freq.Range	Gain Typ.	Flatness	P1dB	Psat	NF	IN VSWR	OUT VSWR	Power
RLNAM5055S-4F10-24 0.45A	4-10GHz	24dB	$\pm 2.0$ dB Typ.	$\leq 5.5$ dB (Typ. 3.0dB)	24.5dBm	25.5dBm	$\leq 1.8$	$\leq 1.8$	10dBm
RLNAM5055S-02F12-45 0.36A	0.2-12GHz	45dB (Min 43dB)	$\pm 2.5$ dB Typ.	$\leq 2.5$ dB (Typ. 2.0dB)	20dBm	21dBm	$\leq 2$ (Typ. 1.6)	$\leq 2$ (Typ. 1.6)	10dBm
RLNAM5055S-01F18-32 0.32A	0.1-18GHz	36dB (Min 34dB)		$\leq 2$ dB	21dBm	22dBm	$\leq 1.8$	$\leq 1.8$	5dBm
RLNAM5055S-1F18-38 0.24A	1-18GHz	38dB (Min 35dB)	$\pm 3.0$ dB Typ.	$\leq 3.5$ dB (Typ. 2.5dB)	21dBm	22dBm	$\leq 1.8$	$\leq 1.8$	10dBm
RLNAM5055S-2F18-32 0.29A	2-18GHz	32dB (Min 30dB)	$\pm 3.0$ dB Typ.	$\leq 2.5$ dB (Typ. 2.0dB)	20dBm	21dBm	$\leq 2.2$ (Typ. 1.8)	$\leq 1.8$ (Typ. 1.6)	10dBm

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